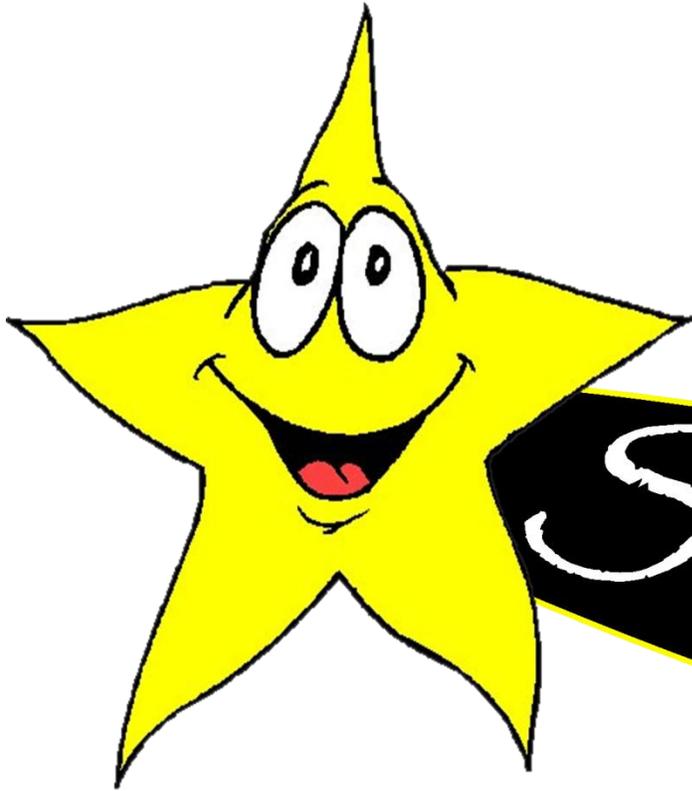


*Educating  
Tomorrow's  
Leaders*



# Starline Press Curriculum

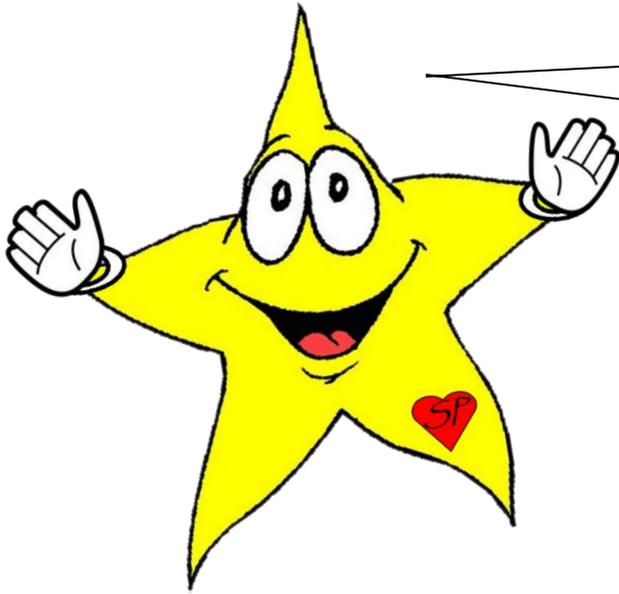
2017 Catalog and  
Scope and Sequence

*3rd-12th Grade*

*Independent Learning Curriculum*



**Starline Education**  
4573 Mamane Street  
Kapaa, HI 96746  
[Starlinepress.com](http://Starlinepress.com)  
[www.starlinepress.com](http://www.starlinepress.com)



## Welcome to Starline Press!

Starline Press is a character-based, state standards aligned, individualized and independent learning curriculum.

Perfect for any independent learning environment, from Homeschool to Adult High School completion and Home and Hospital instruction, it is designed to allow each student to progress at his or her own pace, which may vary from subject to subject. Students find the instruction embedded in the material, so that the teachers' voice is heard throughout the text. Both objective and subjective

assessment methods are used to ensure mastery of the material. Challenging activities are included in each unit to help students to acquire critical thinking skillsets.

- ✚ Each complete Starline Press Curriculum Course contains from 5-12 individual units, from one semester to one years' instruction. The Starline Press core curriculum course list includes Math, English, Social Studies and Science for 3<sup>rd</sup> through 12<sup>th</sup> grades. The Starline Press High School Elective curriculum course list includes; Physical Education, Personal Finance, Spanish, and Automotive Technology, Home Economics, Art, Music and many others.
- ✚ Each Unit (24 to 60 pages) is about 3 weeks work for a student and comes with a test inserted into the back for easy removal. The separately purchased Score Key comes with the Test Key inserted into the back of it. All units of a particular course must be completed to meet all of the objectives of that course. Starline's 3<sup>rd</sup> – 8<sup>th</sup> grade curriculum offers 12 units per year. The 9<sup>th</sup> – 12<sup>th</sup> grade curriculum offers 5 units per semester and 10 units per year.
- ✚ Designed with independent learning and Homeschool in mind, Starline is self-contained and includes lists of any additional resources needed to complete the units. Starline is a system of learning that is designed to be used independently, but can also be used as remediation or enrichment, special education individual ability and paced material or homework.
- ✚ Our contact numbers and more information about Starline can be found on our website at [www.starlinepress.com](http://www.starlinepress.com). Quantity discounts are available for public and private schools, please call for information.

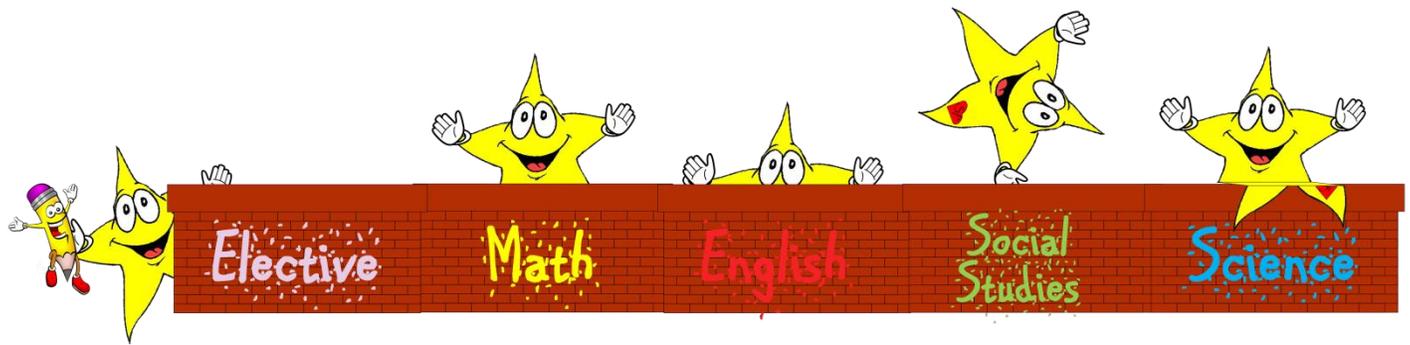


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If you have questions, please  
email us at  
[information@starlinepress.com](mailto:information@starlinepress.com)  
We will happily get back to you  
as soon as possible.



## Starline Press Curriculum

Starline Press curriculum is designed to benefit each student individually. Not all students learn at the same pace. While one student may be a fast learner, another might have more difficulty in comprehending the material. The Units are self-directed, motivated learning to be used for homeschool, in a classroom supervised by a teacher, or in any environment where students work independently. Each student will complete the Units at his or her own rate of learning. This will mean that students will be working on different Units and completing them at different times. This allows the teacher time to work individually with students on problem areas.

Core Curriculum for Grades 3-12	Health	Individualized Curriculum
Math	Home Economics	Independent Learning Model
English/Language Arts	Music	Self-Motivating and Self-Taught
Social Studies	Personal Finance I & II	Character Based
Science	Spanish I & II	Easy to Measure: 10-12 units per subject per year
Plus High School Electives	Automotive Technology	Portable & Consumable
Art	Physical Education	Traditional Schools
Business	Qualities of Starline Curriculum!	
Consumer Math	Aligned to California State Standards & Standardized Tests	
Creative Writing	Home Schools	Alternative/Continuation/Opportunity Schools
Drivers Ed	Independent Study Programs	Home Hospital
Private and Parochial Schools		
Charter Schools		

# 3rd Grade LANGUAGE ARTS



Third grade English students gain the ability to complete different types of sentences and designate the proper usage of nouns, pronouns and verbs in those sentences. Students learn types of writing, such as fairy tales, folk tales, fables, legends and myths.

Third grade students master beginning research, writing and speaking.

E301	E303	Section 3: What is a Compound Sentence?
Chapter 1: Learning About the Sentence	Chapter 1: Learning About Verbs	Chapter 2: Commas and the Series
Section 1: What is a Sentence?	Section 1: What is a Verb?	Section 1: Commas
Section 2: What is a Phrase?	Section 2: Present Tense Verbs	Section 2: The Series
Section 3: The Subject and the Predicate	Section 3: Past Tense Verbs	Section 3: Cause and Effect
Chapter 2: Different Kinds of Sentences	Chapter 2: Learning About Past and Present Verbs	Chapter 3: Classifying
Section 1: The Statement	Section 1: Spelling Present Tense Verbs	Section 1: Lists
Section 2: The Question	Section 2: Spelling Past Tense Verbs	Section 2: Families
Section 3: The Period, Question Mark, and Capital Letters	Chapter 3: Special Cases	Section 3: Introduction to Vocabulary
Chapter 3: What is a Paragraph?	Section 1: Unusual Verbs	
Section 1: The Paragraph	Section 2: Contractions	E306
Section 2: What Makes Up a Paragraph?	Section 3: Prefixes and Suffixes	Chapter 1: Fairy Tales
Section 3: Getting It in Order		Section 1: What is a Fairy Tale?
	E304	Section 2: First Tale, Snow White
E302	Chapter 1: What is a Pronoun?	Section 3: Second Tale, Rumpelstiltskin
Chapter 1: What is a Noun?	Section 1: Learning About Pronouns	Chapter 2: Folk Tale
Section 1: Learning About Nouns	Section 2: Different Kinds of Pronouns	Section 1: What is a Folk Tale?
Section 2: Common Nouns and Proper Nouns	Section 3: More About Contractions	Section 2: What is a Plot?
Chapter 2: Singular and Plural Nouns	Chapter 2: Writing a Paragraph	Section 3: First Tale, the Woman and the Tramp
Section 1: Singular Nouns	Section 1: Using Your Senses	Section 4: Second Tale, Crab
Section 2: Plural Nouns	Section 2: Using Exact Words	Chapter 3: Fables
Section 3: Special Plural Nouns	Chapter 3: Getting Started	Section 1: What is a Fable?
Chapter 3: Different Kinds of Nouns	Section 1: Choose Your Topic	Section 2: What is a Theme?
Section 1: Possessive Nouns	Section 2: Rough Draft	Section 3: First Tale, Country Mouse and Town Mouse
Section 2: Plural Possessive Nouns	Section 3: Second Draft	Section 4: Second Tale, the Man, the Boy, and the Donkey
Section 3: Abbreviations	Section 4: Proofread	
	Section 5: Final Copy	E307
	E305	Chapter 1: Media
	Chapter 1: More with Sentences	Section 1: Facts and Opinions
	Section 1: What is a Command?	
	Section 2: What is an Exclamation?	

Section 2: The Newspaper  
Section 3: Editorials  
Section 4: Differing Points of View  
Chapter 2: Writing Letters  
Section 1: Doing Things For a Purpose  
Section 2: Formal Letters and Invitations  
Section 3: Personal Letters and Thank You Notes  
Chapter 3: Spelling  
Section 1: Homophones  
Section 2: Homographs  
Section 3: Compound Words

#### E308

Chapter 1: Research Skills with Books  
Section 1: Using the Title  
Section 2: Using the Table of Contents  
Section 3: Using an Index  
Section 4: Using a Glossary  
Chapter 2: Research Skills in the Library  
Section 1: Using the Dewey Decimal System  
Section 2: Introduction to Reference Books  
Section 3: Using a Dictionary  
Section 4: Using a Thesaurus  
Section 5: Using an Atlas  
Chapter 3: Spelling  
Section 1: Practicing Syllables  
Section 2: Phonics  
Section 3: Blends  
Section 4: Silent Letters

#### E309

Chapter 1: Legends  
Section 1: What is a Legend?  
Section 2: What is a Character?  
Section 3: David and Goliath  
Section 4: Second Tale, The Firebringer  
Chapter 2: Myths  
Section 1: What is a Myth?  
Section 2: First Tale, the Story of Persephone  
Section 3: The Parts of a Story  
Section 4: Second Tale, the Theft of Thor's Hammer

Chapter 3: Introduction to Poetry  
Section 1: What is a Poem?  
Section 2: Sound Effect Words  
Section 3: Same Sound Words  
Section 4: Acrostic Poems

#### E310

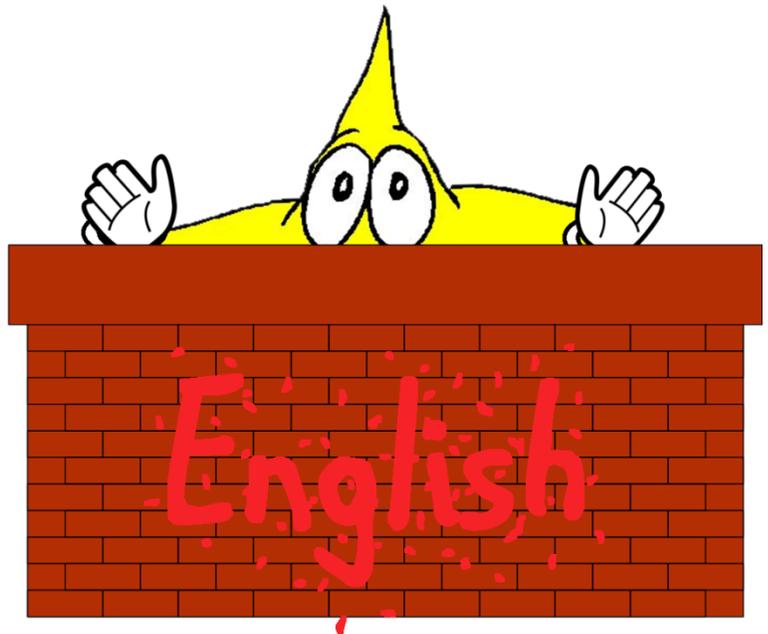
Chapter 1: Writing a Narrative  
Section 1: Finding a Topic  
Section 2: Finding a Beginning  
Section 3: Important Elements of Narrative  
Section 4: Ending a Narrative  
Chapter 2: Rewriting  
Section 1: Trimming and Adding  
Section 2: Improving Descriptions  
Section 3: Writing the Final Draft  
Chapter 3: Speaking and Listening  
Section 1: Basic Rules  
Section 2: Practicing Speaking Tone  
Section 3: Setting Tone with Words  
Section 4: Listening For Details  
Section 5: Listening to Understand

#### E311

Chapter 1: Telling a Story  
Section 1: Making Characters  
Section 2: Making a Plot  
Section 3: Point of View  
Chapter 2: Writing a Poem  
Section 1: Poems and Music  
Section 2: Patterns and Repeat Phrases  
Section 3: Acting It Out  
Section 4: Personal Poems  
Chapter 3: More Speaking and Listening  
Section 1: Rate of Speech  
Section 2: Using Pictures

#### E312

Chapter 1: Writing Reports  
Section 1: Finding a Topic  
Section 2: Note Charts  
Section 3: Making an Outline  
Section 4: First Drafts  
Chapter 2: Handwriting  
Chapter 3: Final Speaking and Writing  
Section 1: Being Clear  
Section 2: Giving Demonstrations  
Section 3: Basic Speech Form  
Section 4: More On Listening Well



# 3rd Grade MATHEMATICS



Third grade students identify and apply math concepts based on state math standards. Included are: multi-digit multiplication, division by 2, 3, 4 and 5, putting decimals to work and fractions. Students study unit conversions and volume, weight and area. During this year students study geometric shapes, solid objects, data collection and outcome predictions.

## M301

Chapter 1: Warm Up  
Section 1: Warm Up with Addition:  
Section 2: Warm Up with Subtraction  
Section 3: Warm Up with Shapes  
Chapter 2: Place Value  
Section 1: Addition to the Ten  
Thousands Place  
Section 2: Subtraction to the Ten  
Thousands Place  
Section 3: Addition & Subtraction  
Word  
Problems  
Chapter 3: Rounding and Expanded  
Notation  
Section 1: Expanded Notation

## M302

Chapter 1: Addition Review  
Section 1: Review of Greater Than,  
Less Than  
Section 2: Subtraction with Borrowing  
Chapter 2: Multiplication Introduction  
Section 1: Multiplication Facts to 5  
Section 2: Parts of a Multiplication  
Sentence  
Section 3: Special Rules – Multiplying  
with 1 and 0  
Chapter 3: Finding the Perimeter of  
Shapes

## M303

Chapter 1: Multiplication 1 – 10  
Section 1: Multiplying 6-10  
Chapter 2: Introduction of Number  
Families  
Section 1: Introduction to Division  
Section 2: Dividing by 1 and 0  
Chapter 3: Liquid Measures

## M304

Chapter 1: Review 303  
Section 1: Multiplication Review  
Section 2: Review of Number Families  
Chapter 2: Multi-Digit Multiplication  
Section 1: Multiples of 10  
Section 2: Multiples of 10s and 100s  
Chapter 3: Division  
Section 1: Section 1: Sharing  
Section 2: Grouping  
Section 3: Division  
Chapter 4: Division by 2, 3, 4 and 5  
Section 1: Dividing by 2 and 3  
Section 2: Dividing by 4  
Section 3: Dividing by 5

## M305

Chapter 1: Review 304  
Section 1: Multi-Digit Number Review  
Section 2: Division  
Section 3: Dividing by 2, 3, 4, and 5  
Chapter 2: Fractions

## Section 1: Equal Parts

Section 2: Parts of a Group  
Section 3: Finding Parts of Fractions  
Section 4: Ordering Fractions  
Chapter 3: Decimals  
Section 1: Tenths  
Section 2: Comparing Decimals  
Section 3: Decimal Place

## M306

Chapter 1: Review 305  
Section 1: Fractions and Decimal  
Review  
Chapter 2: Decimal Place  
Section 1: Hundredths  
Section 2: Decimals in Money  
Chapter 3: Putting Decimals to Work  
Section 1: Adding and Subtraction  
Section 2: Multiplying and Dividing  
Decimals and Whole Numbers  
Section 3: Multiplying and Dividing  
Decimals

## M307

Chapter 1: Review 306  
Section 1: Fractions and Decimal  
Review  
Chapter 2: Choosing Operations  
Section 1: Number Sentences  
Section 2: Families of Facts  
Chapter 3: Inequalities

Section 1: Missing Factors  
Section 2: Less Than and Greater Than  
Section 3: Showing Inequality in Fractions and Decimals  
Section 4: Add and Subtract Simple Fractions  
Section 5: Equivalent Fractions

M308

Chapter 1: Review 307  
Section 1: Fractions and Decimal Review  
Chapter 2: Commutative and Associative Properties  
Section 1: Commutative Properties  
Section 2: Associative Properties  
Chapter 3: Finding Relationships  
Section 1: Functional Relationships Between Groups of Equal Size  
Section 2: Finding Costs Per Unit

M309

Chapter 1: Review 308  
Section 1: Commutative, Associative, & Functional Properties  
Chapter 2: Unit Conversions  
Section 1: Inches and Feet

Section 2: Yards and Miles  
Section 3: Meters and Kilometers  
Chapter 3: Volume, Weight, and Area  
Section 1: Customary Units of Capacity  
Section 2: Metric Units of Capacity  
Section 3: Customary Units of Weight  
Section 4: Metric Units of Weight  
Section 5: Using Cubes to Estimate Weights and Volumes

M310

Chapter 1: Review 309  
Section 1: Measuring Distance, Length and Volume  
Chapter 2: Geometric Figures  
Section 1: Polygons  
Section 2: Angles and Right Angles  
Chapter 3: Triangles and Perimeters  
Section 1: Types of Triangles  
Section 2: Perimeters

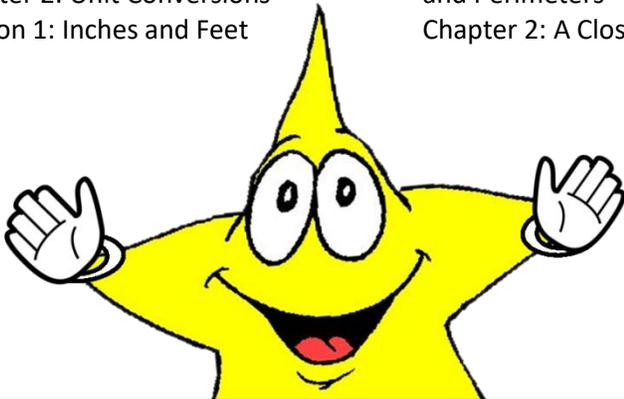
M311

Chapter 1: Review 310  
Section 1: Geometric Figures, Triangles, and Perimeters  
Chapter 2: A Closer Look At Polygons

Section 1: Quadrilaterals and Parallelograms  
Section 2: Calculating the Area of a Parallelogram  
Chapter 3: Angles  
Section 1: Angles, Lines, and Rays  
Section 2: Types of Angles  
Section 3: Measuring Angles

M312

Chapter 1: Review 311  
Section 1: Lines, Angles, Quadrilaterals, and Polygons  
Chapter 2: Solid Objects  
Section 1: Three Dimensional Objects  
Section 2: Common Solid and Complex Objects  
Section 3: Faces and Surfaces  
Chapter 3: Collecting Data and Predicting Outcomes  
Section 1: Introduction to Data Collection  
Section 2: Introduction to Bar Graphs  
Section 3: Probabilities  
Section 4: Possible O



Math

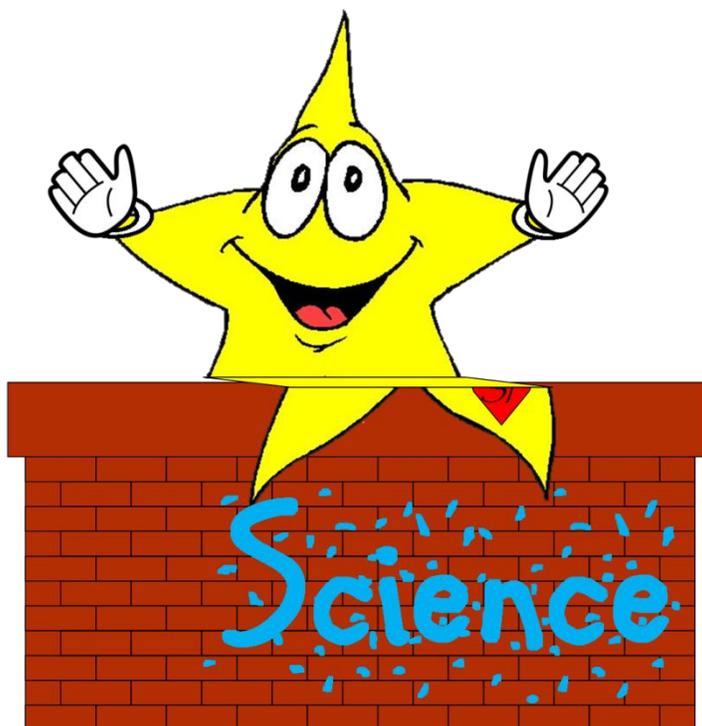
# 3rd Grade SCIENCE



Third grade science enhances a child's mind and imagination. The third grade student learns about different types of scientists and how they work. They learn about matter, energy, light and moving objects. Through hands on projects and study, the third grader learns of the moon, stars and the galaxy. Students also learn of animal behaviors and habitats.

S301	Section 3: Stored Energy Can Cause Motion	Section 2: Natural Light Section 3: Man-Made Light
Chapter 1: Scientists and Their Work		Chapter 2: Seeing Light
Section 1: What is Science?	S303	Section 1: Our Eyes
Section 2: Different Kinds of Scientists	Chapter 1 Moving Objects	Section 2: How We See
Section 3: Earth Scientists and Physical Scientists	Section 1: Objects in Motion	Chapter 3: What Does Light Do?
Chapter 2: Scientists Use Special Tools	Section 2: Friction and Gravity	Section 1: Reflection
Section 1: Tools of the Scientist	Chapter 2: Forces That Act On the Earth	Section 2: Refraction
Section 2: Special Tools	Section 1: Volcanoes	
Section 3: Safety First	Section 2: Glaciers	S306
Chapter 3: How Scientists Work?	Section 3: Water and Flooding	Chapter 1: Animal Habitats
Section 1: What Method Do They Use?	Chapter 3: Energy On the Move	Section 1: Learning About Different Habitats
Section 2: Finding Answers to Questions	Section 1: Water Waves	Section 2: Tide Pool (Ocean)
Section 3: Scientists Share What They Know	Section 2: Sound Waves	Section 3: Deserts & Tundra
	Section 3: Electric Currents	Section 4: Temperate Forests
	S304	Section 5: Tropical Rain Forest
S302	Chapter 1: More On Matter	
Chapter 1 Forms of Matter	Section 1: Facts of the Matter	S307
Section 1 Molecules	Section 2: Matter Can Change Form	Chapter 1:
Section 2 Forms of Matter	Section 3: Matter Can Change Size	Section 1: Living and Non-Living Things
Section 3 the Sun's Energy	Chapter 2: Properties of Matter	Section 2: Plant and Animal Characteristics
Chapter 2 Sources of Energy	Section 1: Mass and Hardness	Section 3: The Role Animals Play
Section 1: Forms of Stored Energy	Section 2: Temperature	
Section 2: Fuel for Living Things and Machines	Section 3: Magnetism	Chapter 2:
Section 3: Batteries	Chapter 3: Atoms and Elements	Section 1: Animal Needs
Chapter 3 Energy is Powerful	Section 1: The Atom	Section 2: Animal Habitats
Section 1: Two Kinds of Energy Moving and Waiting	Section 2: Charges	Chapter 3: Animal Behaviors
Section 2: Stored Energy Can Make Heat	Section 3: Elements	Section 1: Migration
	S305	Section 2: Hibernation
	Chapter 1: Let There Be Light	Section 3: Mimicry
	Section 1: What is Light?	

S308	Section 3: Satellites	Section 1: Ecosystems
Chapter 1:		Section 2: Disturbances in the Ecosystem
Section 1: Objects in the Sky	S310	Chapter 3: Reacting to Changes in the Environment
Section 2: The Earth	Chapter 1: The Galaxy	Section 1: Adaptation and Acclimatization
Chapter 2:	Section 1: The Milky Way Galaxy	Section 2: Endangerment and Extinction
Section 1: The Earth's Moon	Section 2: Constellations and Their Stars	Section 3: Conservation
Section 2: The Lunar Cycle	Section 3: The Solar System	
Chapter 3:	Chapter 2: The Inner Planets	S312
Section 1: The Moon's Phases	Section 1: Mercury	Chapter 1: The Scientific Method
Section 2: Eclipses	Section 2: Venus	Section 1: How to Choose a Topic
	Section 3: Earth	Section 2: Ask a Question
S309	Chapter 3: The Outer Planets	Section 3: Hypothesis-- What Do You Think?
Chapter 1:	Section 1: Mars	Chapter 2: The Experiment
Section 1: What Are Stars?	Section 2: Jupiter	Section 1: Variables
Section 2: The Sun is a Star	Section 3: Saturn	Section 2: The Procedure
Section 3: The Surface of the Sun	Section 4: Uranus, Neptune, and Pluto	Section 3: Collecting Data
Section 4: The Core of the Sun		Chapter 3: Finding an Answer
Chapter 2:	S311	Section 1: Results
Section 1: The Sun and the Earth	Chapter 1: Ecology	Section 2: The Conclusion
Section 2: Movement Across the Sky	Section 1: What Ecology Is	
Section 3: Seasons and the Sun	Section 2: Beings in Their Environments	
Section 4: Energy From the Sun	Section 3: Environmental Events	
Chapter 3:	Chapter 2: Changes	
Section 1: Comments		
Section 2: Asteroids		



# 3rd Grade SOCIAL STUDIES



Third grade social studies students illustrate the ability to navigate maps and regions of the United States, as well as the world around us. They study Native Americans, as well as Revolutionary leaders. Students learn national symbols, monuments and study American folklore. Third grade students learn economics, branches of government and what it means to be a citizen.

## SS301

### Chapter 1

Section 1: Communities and Maps

Section 2: Maps and Globes

Section 3: Directions On a Map

Section 4: Intermediate Directions

Section 5: Oceans and Continents

Section 6: The Hemispheres

Section 7: The Northern and Southern Hemispheres

Section 8: The Eastern and Western Hemispheres

Section 9: North America

### Chapter 2

Section 1: The United States

Section 2: Lakes

Section 3: Rivers

Section 4: Deserts

## SS302

Chapter 1: The Regions of the United States

Section 1: The United States

Section 2: The Northeast Region

Section 3: The Southeast Region

Section 4: The Midwest Region

Section 5: The West Region

Chapter 2: U.S. Physical Features

Section 1: Physical Maps

Section 2: The Seven Main Land

Regions of the United States

Section 3: Vocabulary Word Search

Puzzle

Chapter 3: Using Charts, Graphs and Tables to Organize Information

Section 1: Pictographs

Section 2: Bar Graphs

Section 3: Line Graphs

Section 4: Circle Graphs

Section 5: Charts

## SS303

Chapter 1: Measurements of Time

Section 1: What is Time?

Section 2: The Water Clock

Section 3: The Hourglass

Section 4: The Sundial

Section 5: Modern Day Clocks

Section 6: Explore Some More

Section 7: Tick Tock – Tick Tock ...

Section 8: Calendars

Section 9: Yesterday and Today

Section 10: Ordinal Numbers

Section 11: The Four Seasons

Section 12: Time Zones

Section 13: Timelines

Chapter 2: History of a Community

Section 1: Vocabulary Words:

Section 2: Records of History

Section 3: a Changing Community

Section 4: Explore Some More

## SS304

Chapter 1: Native Americans

Section 1: Major Native American Groups

Section 2: Woodland American Indians

Section 3: Native Americans of the Plains

Section 4: Native American Village

Section 5: Native Americans of the Great Basin

Section 6: The Native Americans of California

Section 7: Native Americans of the Northwest

Chapter 2: Exploration of America

Section 1: European Explorers

Section 2: Leif Ericson

Section 3: Christopher Columbus

Section 4: Amerigo Vespucci

Chapter 3: The First Colonies in America

Section 1: Jamestown

Section 2: Plymouth

Section 3: Wampanoag

## SS305

Chapter 1: Revolutionary Leaders

Section 1: Minutemen

Section 2: Paul Revere

Section 3: George Washington

Section 4: Molly “Pitcher”

Section 5: Revolution Timeline

Section 6: Benjamin Franklin

Section 7: Thomas Jefferson

Section 8: John Hancock

Chapter 2: American Leaders That Shaped Our Nation

Section 1: Abraham Lincoln

Section 2: Clara Barton  
Section 3: Theodore Roosevelt  
Section 4: Susan B. Anthony  
Section 5: Martin Luther King Jr.  
Section 6: Rosa Parks

SS306

Chapter 1: National Symbols  
Section 1: The Liberty Bell  
Section 2: The Stars and Stripes  
Section 3: Our National Emblem  
Section 4: The Great Seal  
Section 5: Uncle Sam  
Chapter 2: Monuments, Statues, Buildings and Documents  
Section 1: The Statue of Liberty  
Section 2: The Lincoln Memorial  
Section 3: Mount Rushmore National Memorial  
Section 4: The United States Capitol  
Section 5: The White House  
Section 6: Declaration of Independence  
Section 7: The Constitution  
Section 8: Bill of Rights  
Chapter 3: American Folklore  
Section 1: Paul Bunyan  
Section 2: Johnny Appleseed  
Section 3: Davy Crockett  
Section 4: Pecos Bill

SS307

Chapter 1: The World Around Us  
Section 1: Atlas  
Section 2: Passports  
Section 3: Europe  
Section 4: Italy  
Section 5: Germany  
Section 6: Scandinavia  
Section 7: India  
Section 8: China  
Section 9: Russia  
Section 10: Australia  
Section 11: Africa  
Section 12: South America

SS308

Chapter 1: Economics  
Section 1: The Free Market System

Section 2: Supply and Demand  
Section 3: Distribution  
Section 4: Service Industry  
Section 5: Budget  
Section 6: Spending Money  
Section 7: Employment  
Chapter 2: Transportation  
Section 1: Land Transportation  
Section 2: Water Transportation  
Section 3: Air Transportation

SS309

Chapter 1: Government: For the People  
Section 1: Cross Word Puzzle  
Section 2: Government  
Section 3: Democracy  
Section 4: Ancient Greece  
Section 5: The Constitution  
Section 6: Local Government  
Section 7: Elections  
Section 8: Branches of Government  
Section 9: Congress  
Section 10: Judicial Branch  
Section 11: The Executive Branch

SS310

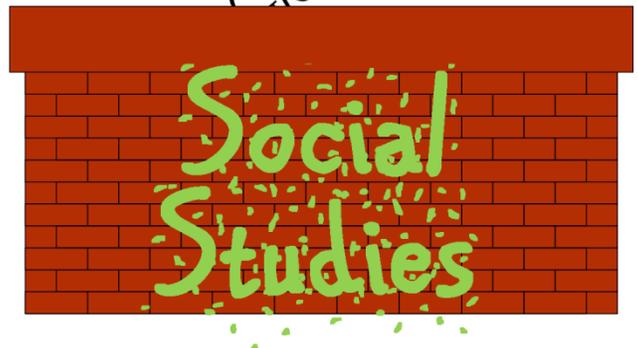
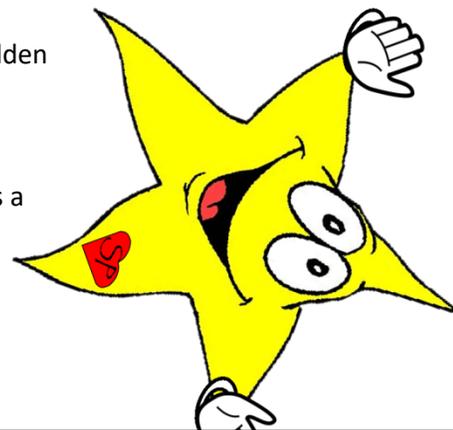
Chapter 1: California: The Golden State  
Section 1: California Almanac  
Section 2: California History  
Section 3: California Becomes a State  
Section 4: Pony Express  
Section 5: The Railroad  
Section 6: Immigrants  
Section 7: Earthquake  
Section 8: Chinatown  
Section 9: Hollywood  
Section 10: Northern California  
Section 11: Beaches  
Section 12: Southern California  
Section 13: National Parks  
Section 14: Gallery of Famous Californians

SS311

Chapter 1: Citizenship  
Section 1: What is a Citizen?  
Section 2: The Rights of Citizens  
Section 3: The Responsibilities of Citizens  
Section 4: Obeying Laws  
Section 5: Community Organizations  
Section 6: Volunteering  
Chapter 2: Safety  
Section 1: In the Community  
Section 2: Safety At Home

SS312

Chapter 1: Countries & Cultures  
Section 1: Writing a Report  
Section 2: Reference Material  
Section 3: Make Your Notes  
Section 4: To Be Included in Your Report:  
Section 5: Make an Outline  
Section 6: Writing the Report  
Section 7: Cover Sheet



# 4th Grade LANGUAGE ARTS



Fourth Grade Language Arts students learn to alphabetize, use the dictionary, understand word meaning and origins, and how to find root words. Students analyze literature, its themes, plots and characters. Fourth graders demonstrate the use of the thesaurus. They identify Antonyms, Synonyms, Idioms and Heteronyms. Fourth grade students organize simple and compound sentences, applying regular and irregular verbs, appositives and participial phrases. They learn to distinguish between different forms of literature, such as fables, fantasy, legends and myths. Students demonstrate writing ability, making paragraphs, writing dialogue and giving a speech.

E401	Section 3: Nouns and Verb	Section 2: Coordinating Conjunctions
Chapter 1: Alphabetizing and the Dictionary	Chapter 3: Adjectives and Adverbs	Section 3: Predicting Literature
Section 1: Learning to Alphabetize	Section 1: Learning About Adjectives	Section 4: Reading Strategies
Section 2: More Alphabetizing	Section 2: Learning About Adverbs	E405
Section 3: Dictionary: What is It, and How is It Used?	E403	Chapter 1: Simple and Compound Sentences and Appositives
Chapter Book Questions	Chapter 1: Synonyms, Antonyms, and Idioms	Section 1: Simple Sentences
Chapter 2: Uses of a Dictionary	Section 1: Learning About Synonyms	Section 2: Compound Sentences
Section 1: Understanding Meaning	Section 2: Learning About Antonyms	Section 3: Appositives
Section 2: Word Origins and Roots	Section 3: Learning About Idioms	Chapter 2: Participial Phrases and Connecting Sentences
Section 3: Using the Dictionary For Spelling	Chapter 2: Using a Thesaurus	Section 1: Participial Phrases
Chapter Book Questions	Section 1: The Parts of a Thesaurus	Section 2: Combining Sentences
Chapter 3: Prefixes and Suffixes	Section 2: Using a Thesaurus	Chapter 3: Evaluating New Information
Section 1: Learning About Prefixes	Section 3: Heteronyms	Section 1: Validity
Section 2: Learning About Suffixes	Chapter 3: Reading Aloud and Summaries	Section 2: Hypothesis
Section 3: Finding Root Words	Section 1: What is a Summary?	Section 3: Supporting an Evaluation
Chapter Book Questions	Section 2: Reading with Interest	E406
E402	Section 3: Book Summary and Report	Chapter 1: Figurative Language
Chapter 1: Learning About Literature	E404	Section 1: Simile
Section 1: What is Literature?	Chapter 1: Regular Verbs	Section 2: Metaphors
Section 2: Themes and Characters of Literature	Chapter 2: Irregular Verbs and Prepositions	Section 3: Hyperbole
Section 3: Understanding Characters	Section 1: Irregular Verbs	Section 4: Personification
Chapter 2: Plot and Setting: Nouns and Verbs	Section 2: Prepositions	Chapter 2: Imaginative Literature
Section 1: Learning About the Setting	Chapter 3: Prepositions, Coordinating Conjunctions, and Reading Strategies	Section 1: Fables
Section 2: Plot	Section 1: Recognizing Prepositions	Section 2: Fairy Tales
		Section 3: Fantasy

Chapter 3: Myths and Literature Responses  
Section 1: Myths  
Section 2: Understanding Imaginative Literature  
Section 3: Responding to Literature

E407

Chapter 1: Punctuation  
Section 1: Parentheses  
Section 2: Quotations  
Section 3: Apostrophes  
Chapter 2: Writing Skills  
Section 1: Kinds of Paragraphs  
Section 2: Facts and Opinions  
Section 3: Writing Paragraphs  
Section 4: Supporting Sentences  
Chapter 3: Other Language Skills  
Section 1: Practicing Cursive  
Section 2: Making Paragraphs Interesting  
Section 3: Practicing Cursive  
Section 4: Titles

E408

Chapter 1: Writing an Article  
Section 1: Reading an Article  
Section 2: Point of View  
Section 3: Purpose and Audience  
Section 4: Creating an Outline  
Section 5: Conclusions  
Chapter 2: Doing Research  
Section 1: Answering a Question  
Section 2: Review of Library Skills  
Section 3: Making Bibliographies  
Section 4: Taking Notes  
Section 5: Learning to Focus  
Chapter 3: Skills with Directions  
Section 1: Downloading a File  
Section 2: Practicing Cursive  
Section 3: Giving Directions

Section 4: Write Your Article  
Section 5: Practicing Cursive

E409

Chapter 1: More with Sentences  
Section 1: Sentence Types  
Section 2: Simple and Complete Subjects  
Section 3: Simple and Complete Predicates  
Section 4: Problems with Sentences  
Chapter 2: Language Skills  
Section 1: Homographs  
Section 2: Working On Capitals  
Section 3: Homophones  
Section 4: Subject and Verb Agreement  
Section 5: Pronoun and Verb Agreement  
Chapter 3: Making Comparisons  
Section 1: Comparing and Contrasting  
Section 2: Comparing with Adjectives  
Section 3: Practicing Cursive  
Section 4: Analogies

E410

Chapter 1: Writing Narrative  
Section 1: Practicing Observation  
Section 2: Finding the Even  
Section 3: Writing Dialogue  
Section 4: Bringing It Together  
Section 5: Writing a Friendly Letter  
Chapter 2: Giving a Speech  
Section 1: Reciting a Poem  
Section 2: Some Speech Tips  
Section 3: Sharing Your Speech  
Chapter 3: Word Meaning  
Section 1: Denotations and Connotations  
Section 2: Practicing Cursive  
Section 3: Sayings  
Section 4: Spelling

E411

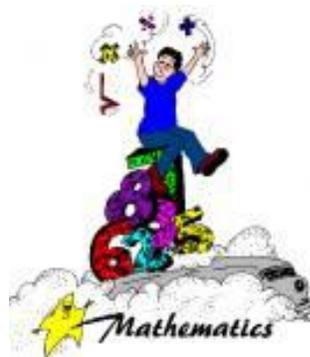
Chapter 1: More Speaking Skills  
Section 1: Trickster Tales  
Section 2: Reading Theater  
Section 3: Giving a Demonstration  
Section 4: Tongue-Twisters  
Chapter 2: English Skills  
Section 1: Working with Syllables  
Section 2: Some Syllable Rules  
Section 3: More Syllable Rules  
Section 4: Avoiding Double-Negatives  
Chapter 3: More English Skills  
Section 1: Main Idea  
Section 2: Practicing Cursive  
Section 3: Helping Verbs  
Section 4: Compound Subjects and Predicates

E412

Chapter 1: Learning Important Vocabulary  
Section 1: Taking a Trip  
Section 2: Using a Computer  
Section 3: Job Vocabulary  
Section 4: Parts of a Book  
Chapter 2: Revising  
Section 1: Checking Ideas  
Section 2: Proofreading  
Section 3: The Right Elements  
Chapter 3: English Skills  
Section 1: Vocabulary  
Section 2: The Media  
Section 3: Practicing Cursive  
Section 4: Cause and Effect Sentences



# 4th Grade MATHEMATICS



The fourth grade mathematics program generates the ability to manipulate time and measurement equations, work with fractions and division, and multiply multiple digit numbers. The student completes problems using word problems, liquid and dry measures, and mastering metrics. They also learn geometry, working with ratios and probability, and how to coordinate and construct graphs.

M401	Section 1: Place Value: Whole Numbers and Decimals	Chapter 2: More Work with Fractions
Chapter 1: Grade 3 Review	Section 2: The Language of Math: Addition and Subtraction	Section 1: Subtracting Fractions
Chapter 2: Addition of Whole Numbers to the Millions Place	Chapter 2: Mathematical Strategies: Multiplication and Division	Section 2: Mixed Numbers
Chapter 3: Rounding Numbers to the Millions Place	Section 1: Checking and Data Validation	Section 3: Improper Fractions
	Chapter 3: Word Problem Strategies	Chapter 3: Measurement in the English System
M402	Section 1: Math Equation Strategies: Manipulating Equations	Section 1: Measures of Distance
Chapter 1: Adding and Subtracting with a Number Line		Section 2: Working with Measurements
Chapter 2: Decimals to the Hundredths Place		(Part 1)
		Section 3: Working with Measurements
		(Part 2)
	M405	
M403	Chapter 1: Understanding Division	M407
Chapter 1: Multiplication Concepts and Facts	Section 1: The Division Process	Chapter 1: Time and Measurement Equations
Section 1: What is Multiplication?	Section 2: Division with Money	Section 1: Measures of Time
Section 2: Multiples	Section 3: Checking Division	Section 2: More Work with Time
Section 3: Multiplication Facts	Chapter 2: More About Division	Section 3: Adding and Subtracting with Measurement
Chapter 2: Multiplying Multi-Digit Numbers	Section 1: Division with a Remainder	Chapter 2: Factors
Section 1: Multiplying with No Regrouping	Section 2: Using Division to Average Numbers	Section 1: Finding Factors
Section 2: Multiplying with Regrouping	Section 3: Dividing with a Two-Digit Divisor	Section 2: Common Factors
Section 3: Multiplying by a Two-digit Number	Chapter 3: Fractions	Chapter 3:
Chapter 3: Estimating Products	Section 1: Understanding Fractional Parts of a Whole	Section 1: Reducing Fractions
Section 1: Multiplying by Numbers that End in Zero	Section 2: Understanding Fractional Parts of a Group	Section 2: More About Reducing
	Section 3: Using Fractions As Remainders	Section 3: More Tips On Reducing
Section 2: Estimating Products by Rounding	M406	M408
Section 3: Estimating Products Using a Range	Chapter 1: More About Fractions	Chapter 1: More Measurement
M404	Section 1: Review of Fractions	Section 1: Weight
Chapter 1: Number Sense	Section 2: Adding Fractions	Section 2: Liquid Measures
	Section 3: Adding Fractions, Part 2	Section 3: Dry Measures
		Chapter 2: More Work with Fractions
		Section 1: Fractions As Division

Section 2: Dividing Improper Fractions,  
Part 2

Section 3: Adding with Improper  
Fractions

Chapter 3: Multiples

Section 1: Making Equivalent Fractions

Section 2: Multiples Defined

Section 3: Finding the Least Common  
Multiple

M409

Chapter 1: Unlike Fractions

Section 1: Least Common Denominator

Section 2: Adding Unlike Fractions

Section 3: Subtracting Unlike Fractions

Section 4: Adding and Subtracting  
Mixed

Numbers

Chapter 2: Mastering Metric

Section 1: Metric Distance

Measurement

Section 2: Metric Measures of Weight

Section 3: Measuring Liquids

Chapter 3: Roman Numerals

Section 1: Learning Roman Numerals

Section 2: Roman Review

Section 3: Practice Your Fractions

M410

Chapter 1: More Equations with  
Fractions

Section 1: Review of Fractions As a  
Name For 1

Section 2: Subtracting Fractions with  
Borrowing

Section 3: More Borrowing with  
Fractions

Chapter 2: Estimating

Section 1: Basic Estimating

Section 2: Estimating with Money

Section 3: Estimating in Division

Chapter 3: Multiplying Fractions

Section 1: Multiplying Fractions by  
Whole Numbers

Section 2: Multiplying a Fraction by  
Another Fraction

Section 3: Changing a Mixed Number  
to an Improper Fraction

M411

Chapter 1: Geometry: Lines, Angles,  
and Symmetry

Section 1: Lines: Parallel and  
Perpendicular

Section 2: Angles: Classifying and  
Measuring Angles

Section 3: Symmetry: Bilateral and  
Rotational

Chapter 2: Shapes: Quadrilaterals,  
Triangles,  
and Circles

Section 1: Shapes

Section 2: Types of Quadrilaterals

Section 3: Types of Triangles

Section 4: Circles

Chapter 3: Shapes: Perimeter and Area

Section 1: Understanding Plane Shapes

Section 2: Understanding Solid Shapes

Section 3: Perimeters of Polygons

Section 4: Perimeters of Rectangles  
and

Squares

Section 5: Area of a Rectangle and  
Square

Section 6: Area and Perimeter of  
Rectangles

Section 7: Nets and Models

M412

Chapter 1: Working with Numbers

Section 1: Decimals and Place Value

Section 2: Decimals and Fractions

Section 3: Median and Mode

Section 4: Outliers and Central  
Tendency

Chapter 2: Working with Ratios and  
Probability

Section 1: Ratios

Section 2: Introduction to Probability

Section 3: Probability and Outcomes

Section 4: Probability: a Fraction or a  
Ratio

Section 5: Tables and Graphs

Chapter 3: Coordinate Graphs

Section 1: Coordinate Graphing

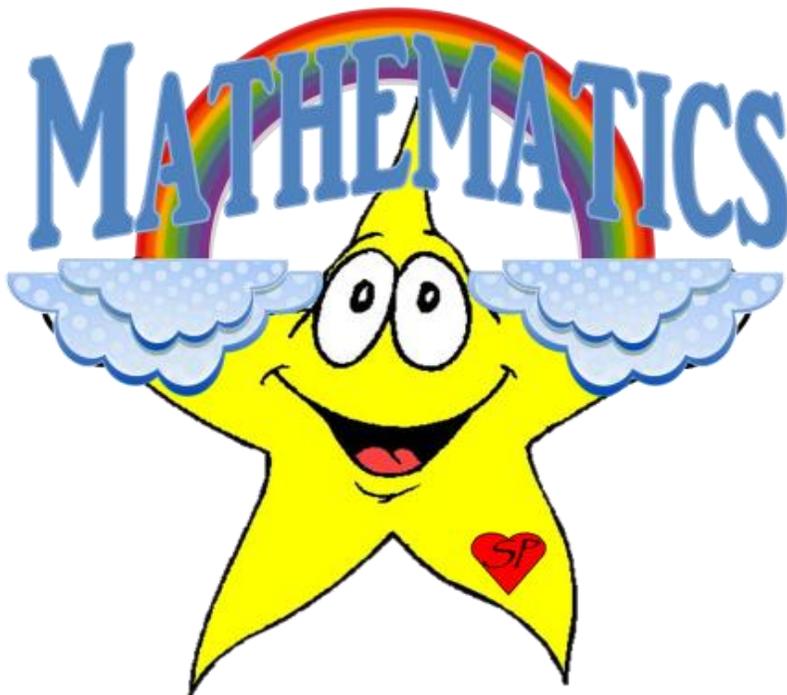
Section 2: Graphing Simple Figures

Section 3: Finding the Length of Lines  
on a Graph

Section 4: Working with Variables

Section 5: Working with Congruent  
Shapes

Section 6: Complex Shape



# 4th Grade SCIENCE



The fourth grade science student demonstrates the importance of magnets and electricity, ecosystems and food chains, and the usefulness of plants and minerals. They learn about the earth and its changes, oceans of air, wind and weather. The student conducts experiments and interprets data. Fourth grade science prepares the student to evaluate frequency, understand sounds in the world, and conduct recycling.

S401	S403	Section 1: The Kingdom Monera
Chapter 1: Electricity and Circuits	Chapter 1: Ecosystems and Food	Section 2: The Kingdom Protista
Section 1: What is Electricity?	Chains	Section 3: Fungi
Section 2: Simple, Series, and Parallel	Section 1: Food Chains Or Food Webs?	S405
Circuits	Section 2: Continued: Ecosystems	Chapter 1: The Usefulness of Plants
Section 3: Other Circuits	Around the World	Section 1: Plants Produce Food
Chapter 2: Magnets	Section 3: The Importance of the Sun	Section 2: Plants Improve the Air
Section 1: History of Magnets	and Plants	Chapter 2: Trees
Section 2: Properties of Magnets	Chapter 2: More About Producers and	Section 1: What Are Trees
Section 3: Different Types of Magnets	Consumers	Section 2: Needle Leaf, Broadleaf and
Chapter 3: Electricity and Magnets	Section 1: Consumers	Palm Trees
Section 1: Electricity in Wire	Section 2: Consumer Biological	Section 3: Palm Trees and State Trees
Section 2: Static Electricity	Controls	Section 4: Palms Continued
Section 3: Lightning	Section 3: Producer Biological Controls	Chapter 3: Flowers and Seeds
S402	Chapter 3: More About Decomposers	Section 1: Flowers
Chapter 1: The Importance of Magnets	Section 1: Fungi	Section 2: Common Flowers, Weeds,
in Electricity	Section 2: Insects	and Sunshine
Section 1: The History of Electricity	Section 3: Microbes As Decomposers	Section 3: Seeds
Section 2: How Electricity is generated	S404	S406
Section 3: Electricity and Magnetic	Chapter 1: Ecosystems	Chapter 1: Minerals
Fields	Section 1: The Ecosystems of the	Section 1: What Exactly Are Minerals?
Chapter 2: The Electromagnets You	Oceans	Section 2: How Crystals Are Formed
Use Everyday	Section 2: Forests	Section 3: Experiment: Growing Your
Section 1: Electromagnets in Your	Section 3: Deserts, Wetlands, and	Own Crystals
Home	Grasslands	Chapter 2: Rocks and How They Are
Section 2: More About Electromagnets	Chapter 2: More About Ecosystems	Made
Section 3: Generators	Section 1: Customized Plants and	Section 1: What Are Rocks and How Do
Chapter 3: Converting Electricity to	Animals	We Use Them?
Heat, Light, and Motion	Section 2: Plants and Animals	Section 2: How Rocks Are Created
Section 1: How Electricity is Converted	Section 3: Inherited Traits Or Learned	Section 3: Igneous Rocks and
to Heat	Characteristics	Metamorphic Rocks
Section 2: How Electricity is Converted	Section 4: Learned Or Inherited in	Chapter 3: The Rock Cycle and
to Light	Nature	Classifying Rocks
Section 3: How Electricity is Converted	Chapter 3: Microorganisms	Section 1: The Rock Cycle
to Motion		

Section 2: How Scientists Look At Minerals  
Section 3: More Ways Scientists Look At Minerals

S407

Chapter 1: The Earth  
Section 1: Dividing the Earth  
Section 2: How the Earth Moves  
Section 3: The Surface of the Earth  
Chapter 2: Changes to the Earth  
Section 1: Slow Changes to the Earth  
Section 2: Fast Changes to the Earth  
Section 3: The Effect of the Ocean On Land  
Chapter 3: The Soil  
Section 1: Layers of the Earth  
Section 2: How Rivers Change the Earth's Crust  
Section 3: Layers of the Earth's Crust

S408

Chapter 1: Oceans of Air  
Section 1: The Atmosphere  
Section 2: What is Air?  
Section 3: Air Weight and Pressure  
Chapter 2: Wind  
Section 1: Where Does Wind Come From?  
Section 2: How Important is the Wind?  
Section 3: The Water Cycle  
Chapter 3: Weather  
Section 1: Evaporation and Condensation  
Section 2: Precipitation  
Section 3: Weather Forecasting

S409

Chapter 1: Scientific Observations  
Section 1: What is Science?  
Section 2: Scientific Study  
Section 3: How Scientists Study  
Chapter 2: Conducting Experiments  
Section 1: Scientific Method  
Section 2: More About the Scientific Method  
Section 3: Experiment in Observation  
Chapter 3: Interpreting Data  
Section 1: Charts and Graphs  
Section 2: Tables  
Section 3: Maps

S410

Chapter 1: Scientific Tools  
Section 1: Safety Equipment  
Section 2: Making Observations  
Section 3: Taking Measurements and Making Recordings  
Chapter 2: Conservation and Recycling  
Section 1: Water Conservation  
Section 2: Soil Conservation  
Section 3: Reusing, Reducing and Recycling  
Chapter 3: Year in Review  
Section 1: Physical Sciences  
Section 2: Life Science  
Section 3: Earth Science

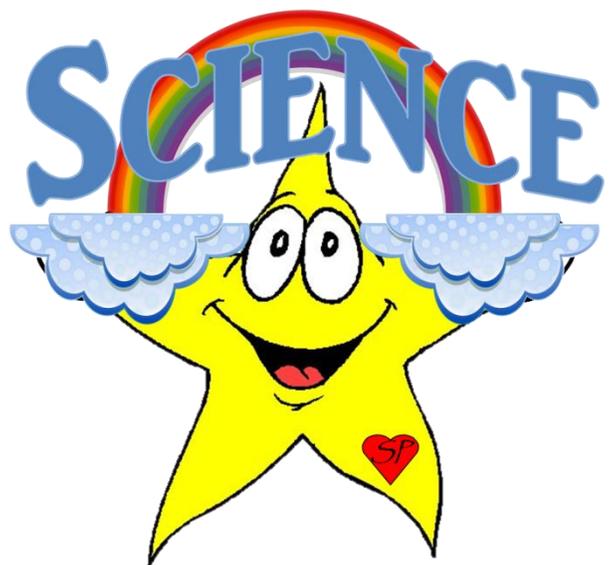
S411

Chapter 1: Sounds in the World  
Section 1: Sound and How It is Measured

Section 2: How Sound Travels  
Section 3: Sound Waves  
Chapter 2: Making Sounds  
Section 1: Speech  
Section 2: Why Some People Can't Speak  
Section 3: Animal Sounds  
Chapter 3: Ears and Sounds  
Section 1: How Do Ears Hear Sounds?  
Section 2: Hearing Aids  
Section 3: Animal Ears

S412

Chapter 1: What is Frequency  
Section 1: Frequency in Our World  
Section 2: Frequency  
Section 3: Frequency and Waves  
Chapter 2: High Frequency Waves  
Section 1: How Radio Works  
Section 2: How Television Works  
Section 3: Other Frequencies  
Chapter 3: Sound Waves That Bounce Back  
Section 1: Echoes  
Section 2: Ultrasound and Sonar  
Chapter 4: Preserving Sound  
Section 1: Early Recording  
Section 2: Recorded Sound After World War II  
Section 3: Current Recording Methods



# 4th Grade SOCIAL STUDIES



The fourth grade social studies student learns the geography of California, including physical characteristics and regions. The student distinguishes early explorers, and focuses on key time periods, such as Spanish and Mexican rule. Students study the effects of the Gold Rush and how it changed California. Fourth grade students learn of California from 1900 to the present. They organize and write a report on the history of California.

SS401

Chapter 1: Where in the Universe is California?

Section 1: Our Solar System

Chapter 2: Where On the Earth is California?

Section 1: Maps and Globes

Section 2: Cardinal Directions

Section 3: Intermediate Directions

Section 4: The Earth's Poles and Axis

Section 5: Continents

Section 6: Hemispheres

Section 7: Northern Hemisphere

Section 8: Southern Hemisphere

Section 9: Eastern Hemisphere

Section 10: Western Hemisphere

Section 11: Latitude and Longitude—Special Lines On a Map

Section 12: Lines of Latitude

Section 13: Lines of Longitude

Section 14: Coordinate Locations On a Grid

Chapter 3: Where in the United States is California?

Section 1: The Continent of North America.

Section 2: California is in the Western Part of the United States.

Section 3: Absolute Locations in the World and in California

Section 4: Review of Locations in Our World

Section 5: Beginnings of Our State

Section 6: Locations in Our State and Country

SS402

Chapter 1: Geography of California: Physical Characteristics

Section 1: Characteristics and Overview

Section 2: Natural Resources

Section 3: Rivers, Waterfalls, and Lakes

Section 4: Pacific Coastline

Chapter 2: Geography of California: Regions of California

Section 1: The Klamath Mountains

Section 2: California's Coastal Ranges

Section 3: The Central Valley

Section 4: The Sierra Nevada

Section 5: The Cascade Mountain Range

Section 6: Basin and Range Region

Section 7: Los Angeles Ranges

Section 8: San Diego Ranges

SS403

Chapter 1: California History—California Land and Early Colonization

Section 1: California Variations: Using Maps and Charts

Section 2: Review

Chapter 2: Major Indian Nations

Section 1: The First Californians

Section 2: The Climate Affected Clothing

Section 3: The Indians and Their Food

Section 4: Pottery and Baskets

Section 5: Tools and Weapons

Section 6: Special Customs of Some Tribes

Section 7: Legends and Religious Beliefs

Section 8: California Indians—A Peaceful People

SS404

Chapter 1: California History: European Settlements

Section 1: Early Explorers of California and the Western Hemisphere

Section 2: Christopher Columbus

Section 3: Hernando Cortes

Section 4: Explorers Visit Lower California

Section 5: Juan Cabrillo

Section 6: The Manila Galleons

Section 7: Drake and Cermeno

Section 8: Onate and Vizcaino

Section 9: Exploration of the Pacific Northwest  
 Section 10: Ferdinand Magellan  
 Section 11: Vitus Bering  
 Section 12: James Cook  
 Chapter 2: California History: Spanish Exploration  
 Section 1: Exploration and Colonization  
 Section 2: Missions Started  
 Section 3: Jose De Galvez  
 Section 4: Captain Portola and Father Serra  
 Section 5: Juan Bautista De Anza  
 Section 6: Juan Crespi

SS405

Chapter 1: California History: Spanish Rule  
 Section 1: California Missions  
 Section 2: Mission Indians  
 Section 3: Where the Missions Were Built  
 Section 4: The Padres Worked Hard to Make the Missions Successful  
 Section 5: Life At the Missions  
 Section 6: Towns in California Under Spanish Rule  
 Section 7: Spanish Pueblos in California  
 Section 8: Russians Come to California  
 Section 9: The Russians Send a Ship to California  
 Section 10: The Russians Built a Fort in California  
 Section 11: Spanish Days End  
 Chapter 2: California History: Mexican Rule  
 Section 1: Ranchos in California  
 Section 2: The Ranchos Were Very Large  
 Section 3: Indian Workers On the Ranchos  
 Section 4: Rancho Houses  
 Section 5: Clothing  
 Section 6: Food  
 Section 7: Life Was Pleasant On the Ranchos  
 Section 8: Rodeos  
 Section 9: Early American Settlers in California

Section 10: Mexican Rule  
 Section 11: American Trading Ships Come to California  
 Section 12: American Fur Trappers Come to California

SS406

Chapter 1: California History: Early Californians Biographies and Autobiographies  
 Section 1: Early California Women  
 Section 2: Missionaries' Wives Set an Example  
 Section 3: Interest in the West Grew  
 Section 4: The Story of the Bidwell Party  
 Section 5: Wagons Reached California At Last  
 Section 6: The Donner Tragedy  
 Section 7: Taking a Closer Look  
 Chapter 2: The Lives of Early Californians  
 Section 1: Stories of Californians  
 Section 2: Mrs. Van Winkle's Story Part 1  
 Section 3: Mrs. Van Winkle's Story Part 2  
 Section 4: Mrs. Susan Wolfskill's Story  
 Section 5: Mrs. Nobel Martin's Story

SS407

Chapter 1: California History—1846-1850:  
 Bear Flag Republic Through Mexican American War  
 Section 1: John Sutter  
 Section 2: California's Search For Independence  
 Section 3: Bear Flag Revolt  
 Section 4: Mexican American War  
 Section 5: Mexico Lost California  
 Chapter 2: California Gold Rush  
 Section 1: California's Hidden Riches  
 Section 2: The Rush Began  
 Section 3: The Forty-Niners  
 Section 4: How the Forty-Niners Mined Gold  
 Section 5: Life in the Goldfields

SS408

Chapter 1: California History: Statehood and the Effects of the Gold Rush  
 Section 1: California Becomes a State  
 Section 2: Forty-Niners Made Their Own Rules and Laws  
 Section 3: California Entered the Union  
 Section 4: Problems of the New State  
 Chapter 2: How the Gold Rush Changed California (1850-1900)  
 Section 1: California's Economy Transformed  
 Section 2: Homestead Act of 1862  
 Section 3: Many Farmers Grew Wheat  
 Section 4: Sheep Were Raised For Wool  
 Section 5: Lumber Was Cut For Wood  
 Section 6: Changes in California and the Towns  
 Section 7: Economic Conflicts Between Different Groups of People  
 Section 8: Hydraulic Mining and the Farmers  
 Section 9: Some Companies Grew Too Powerful  
 Section 10: The Chinese Were Treated Unfairly  
 Section 11: Products Produced and Consumed  
 Section 12: Petroleum Came From the Ground  
 Section 13: Kerosene Was Refined From Petroleum  
 Section 14: Luther Tibbets and the Navel Orange  
 Section 15: The Citrus Industry Became Important

SS409

Chapter 1: California History: Transcontinental Communication and Transportation  
 Section 1: Overland Mail Service  
 Section 2: The Pony Express  
 Section 3: Western Union Telegraph  
 Section 4: Transcontinental Railroad  
 Chapter 2: California History: Immigration and Migration to California From 1850 to 1900

Section 1: Contributions of Chinese Workers

SS410

Chapter 1: California History—1900 to Present:

Challenges of the Early Twentieth Century

Section 1: Progress and Disaster

Section 2: Los Angeles Harbor Created

Section 3: San Francisco Earthquake and Fire

Section 4: Building the Panama Canal

Section 5: World War I and

Immigration

Chapter 2: California History—1900 to Present:

California During Mid-Century

Section 1: Great Depression and the Dust Bowl

Section 2: WWII Effects California

Section 3: California Water System

Section 4: Owens Valley Aqueduct

Section 5: The Central Valley Project

Section 6: The California State Water Project

Chapter 3: California History—1900 to Present:

California Finishes the Twentieth Century

Section 1: Growth and Natural Disasters

Section 2: California Industries

Section 3: Aerospace Industry

Section 4: Electronics Industry

Section 5: Large Scale Agricultural and Irrigation Projects

Section 6: Oil & Automobile Industries

Section 7: Communication & Defense Industries

Section 8: Important Trade Links with the Pacific Basin

Section 9: California Moves Into the Twenty-First Century

SS411

Chapter 1: California History:

Education and Art

Section 1: Development of Public Education System

Section 2: Development of 20th Century Artistic and Cultural Influence

Section 3: Entertainment, Art, and Culture

Chapter 2: California History: Federal, State, and Local Government

Section 1: National Versus State Government

Section 2: Federalism

Section 3: Federal Government Separation of Powers

Section 4: California History Report Scoring

Section 4: Executive Branch

Section 5: Legislative Branch

Section 6: Judicial Branch

Chapter 3: California History: United States Constitution

Section 1: The Constitution of the United States

Section 2: Review of the Constitution

Section 3: California Constitution

Section 4: California Constitution: a Review of the Document

Section 5: State Governments: Similarities, Structures, and Components

Section 6: Purpose of the Federal Government

Section 7: State and Local Governments

Section 8: The Shared Powers of Federal, State and Local Government

Section 9: Similarities Among Federal, State, and Local Governments

Section 10: Differences Among Federal, State, and Local Governments

SS412

Chapter 1: California History—Writing a Report

Section 1: Choosing a Topic

Section 2: Finding Sources of Information

Section 3: Reading Your Sources and Taking Notes

Section 4: Organizing Your Ideas and Writing Your Outline

Section 5: Writing the Rough Draft

Section 6: Drawing a Map

Section 7: Creating a Time Line

Section 8: Writing a Bibliography

Section 9: Editing the Rough Draft

Section 10: Writing the Final Copy

Section 11

: California History Report Scoring



# 5th Grade LANGUAGE ARTS



Fifth grade students continue working with the Dictionary and Thesaurus. They learn proper usage of singular, plural and subject nouns; verbs, including action, compound, helping, and state of being; verb phrases and verb endings. Fifth grade students use spelling lists, study spelling rules, and identify the meaning of age appropriate words. The students study figures of speech, metaphors, imagery and narratives, including writing and giving a narrative presentation. To enrich the reading experience, students complete several literature compositions, including *The Lion, The Witch and the Wardrobe*, *Alice's Adventures in Wonderland*, *The Mayflower Compact*, *Paul Revere's Ride* and *Aunt Polly Shedd's Brigade*. Fifth grade students use the encyclopedia to conduct research and obtain information. They learn to write an outline, revise and rewrite, take notes, and complete a finished report.

E501	Common Noun and a Proper Noun?	Section 5: State of Being Verbs
Chapter 1: Alphabetical Order	Section 5: Adding's to a Noun	Chapter 2: Helping Verbs and Ownership Verbs
Section 1: What is Alphabetical Order?	Chapter 2: Singular Nouns and Plural Nouns	Section 1: Helping Verbs
Section 2: What if the Words Start with the Same Letter(s)?	Section 1: What is the Difference Between Singular and Plural Nouns?	Section 2: Verb Phrases
Chapter 2: Using a Dictionary and Thesaurus	Section 2: Plural Nouns	Section 3: Verbs Are Very Important
Section 1: How Can a Dictionary Help You?	Section 3: Rule 1	Section 4: Verb Endings
Section 2: Using the Dictionary	Section 4: Rule 2	Chapter 3: Principal Parts of Verbs
Section 3: Using Guidewords	Section 5: Rules 3 and 4	Section 1: Principal Parts of Regular Verbs
Section 4: The Dictionary and Alphabetical Order	Section 6: Rule 5	
Section 5: Root Words and Their Suffixes	Section 7: Rules 6, 7 and 8	E504
Section 6: Which Meaning?	Section 8: Exceptions	Chapter 1: Spelling
Section 7: Using a Thesaurus	Section 9: Reviewing the Rules	Section 1: Spelling List
Chapter 3: Four Types of Sentences	Chapter 3: Subject Nouns and Compound Subjects	Section 2: Spelling Rules
Section 1: Four Types of Sentences	Section 1: What is a Sentence? What is the Complete Subject and Complete Predicate of a Sentence?	Section 3: Learning to Spell a Word
Section 2: Is It Imperative Or Exclamatory?	Section 2: Subject Nouns	Section 4: Getting to the Meaning
	Section 3: Compound Subjects	Chapter 2: Adjectives
	Section 4: Putting It All Together	Section 1: Understanding Adjectives
E502	E503	Section 2: Using Adjectives
Chapter 1: Common Nouns and Proper Nouns	Chapter 1: Action and State of Being Verbs	Section 3: Possessive and Proper Adjectives
Section 1: What is a Noun?	Section 1: Subjects and Predicates	Section 4: Adjectives Formed From Verbs
Section 2: What Do You Mean? Two Or More Words Can Be One Noun?	Section 2: What is an Action Verb?	Section 5: Predicate Adjectives
Section 3: What is a Collective Noun?	Section 3: Is It Really a Verb?	Section 6: Comparing with Adjectives
Section 4: What is the Difference Between a	Section 4: Compound Verbs	Chapter 3: Adverbs
		Section 1: Understanding Adverbs and How They Modify Verbs
		Section 2: How Adverbs Modify Adjectives and Other Adverbs

Section 3: Adverb Or Adjective?  
Section 4: Comparing with Adverbs

E505

Chapter 1: Spelling  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Chapter 2: Prepositions  
Section 1: Prepositions Relate  
Section 2: Prepositions Come in Phrases  
Section 3: Propositional Phrases Modify  
Chapter 3: Conjunctions and Interjections  
Section 1: Conjunctions  
Section 2: Interjections  
Chapter 4: Figurative Language and Literary Devices  
Section 1: Figures of Speech  
Section 2: Similes  
Section 3: Metaphors  
Section 4: Literary Devices: Symbolism  
Section 5: Imagery  
Section 6: Narratives  
Section 7: Writing Narratives  
Section 8: Analyzing a Narrative  
Section 9: Speaking Skills  
Section 10: Writing a Narrative  
Section 11: Narrative Presentation

E506

Chapter 1: Spelling  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Chapter 2: Punctuation  
Section 1: Commas  
Section 2: Colons and Semicolons  
Section 3: Apostrophes  
Section 4: Underlining  
Section 5: Quotation Marks  
Chapter 3: Capitalization

E507

Chapter 1: Spelling  
Section 1: Spelling List  
Section 2: Getting to the Meaning

Section 3: Compliments  
Chapter 2: Stories of Fantasy: The Lion, the Witch, and the Wardrobe  
Section 1: Vocabulary  
Section 2: The Lion, the Witch, and the Wardrobe: Chapter 1  
Section 3: The Lion, the Witch, and the Wardrobe: Chapter 2  
Chapter 3: Stories of Fantasy: Alice's Adventures in Wonderland  
Section 1: Alice's Adventures in Wonderland: Chapter 1  
Section 2: Alice's Adventures in Wonderland: Chapter 2

E508

Chapter 1: Spelling  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Section 4: Paragraphs  
Chapter 2: Animal Tales: Uncle Remus and Poems  
Section 1: Vocabulary  
Section 2: Uncle Remus  
Section 3: Poems  
Chapter 3: More Animal Tales  
Section 1: The Ugly Duckling  
Section 2: Flamingo Tricks the Crabs

E509

Chapter 1: Spelling and Writing  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Section 4: Writing a Book Report  
Chapter 2: Our Nation's Past: The Colonial Period  
Section 1: The Mayflower Compact  
Section 2: The Pilgrims Begin a New Life  
Chapter 3: The Revolutionary Period  
Section 1: Paul Revere's Ride  
Section 2: Aunt Polly Shedd's Brigade

E510

Chapter 1: Spelling and Writing  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Section 4: The Research Paper Begins  
Section 5: Using the Encyclopedia and Making an Outline  
Chapter 2: Our Nation's Past: The Civil War Period  
Section 1: Booker T. Washington  
Section 2: Abraham Lincoln  
Chapter 3: Prairie Life  
Section 1: The Blizzard

E511

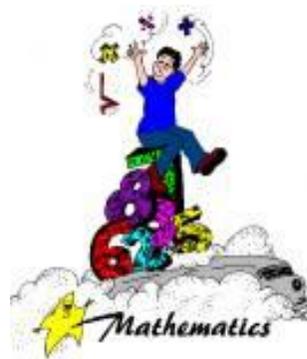
Chapter 1: Spelling and Writing  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Section 4: Research  
Section 5: Writing the Paper  
Section 6: Revise and Rewrite  
Chapter 2: Responsibility in "Split Cherry Tree"  
Chapter 3: Responsibility in "Massacre"

E512

Chapter 1: Spelling and Writing  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Getting to the Meaning  
Section 4: Writing Letters  
Section 5: Other Types of Notes  
Chapter 2: Courage of Stuart Little  
Chapter 3: Courage in "Old Sly Eye"



# 5th Grade MATHEMATICS



Fifth grade students engage in standards based activities, including place value, decimals, exponents and prime factors. Students increase their facility with the four math operations (addition, subtraction, multiplication and division) and apply them to fractions, decimals and positive and negative numbers. They learn to identify and add and subtract integers, use variable and tables, and organize and display data with types of graphs. Students study shapes, lines, points and angles, and learn to solve perimeter, surface and volume of an area. In the fifth grade students develop strong problem solving skills, conceptual understanding and basic and procedural skills.

M501 Chapter 1: Place Value Through Billions Chapter 2: Place Value Through Thousandths Chapter 3: Comparing and Ordering Whole Numbers and Decimals Chapter 4: Rounding Whole Numbers and Decimals Chapter 5: Estimation	Chapter 2: Multiplying Decimals by Whole Numbers and Two Decimals Chapter 3: Multiplying with Zeros in the Product Chapter 4: Mental Math: Dividing Decimals by 10,100 Or 1,000 Chapter 5: Dividing Decimals by Whole Numbers	Chapter 5: Dividing Fractions and Mixed Numbers
M502 Chapter 1: Understanding Percents Chapter 2: Relating Percents, Decimals and Fractions Chapter 3: Finding Percent of a Number Chapter 4: Exponents Chapter 5: Prime Factors	M505 Chapter 1: Adding and Subtracting Greater Whole Numbers Chapter 2: Mental Math: Multiplication Patterns Using 10, 100, or 1000 Chapter 3: Multiplying by One-Digit, Two-Digit, and Three Digit Numbers Chapter 4: Dividing by One-, and Two-Digit Numbers Chapter 5: Dividing Greater Numbers	M507 Chapter 1: Integers, Comparing and Ordering Integers Chapter 2: Adding Integers Chapter 3: Subtracting Integers Chapter 4: Translating and Writing Expressions Using Integers
M503 Chapter 1: Common Factors and Greatest Common Factor (GCF) Chapter 2: Common Multiples and Lowest Common Multiple (Lcm) Chapter 3: Relating Decimals and Fractions Chapter 4: Equivalent Fractions Chapter 5: Fractions in Simplest Form	M506 Chapter 1: Mixed Numbers and Improper Fractions (GCF) Chapter 2: Common Multiples and Lowest Common Multiple (Lcm) Chapter 3: Adding and Subtracting Fractions and Mixed Numbers with Like Denominators Chapter 4: Multiplying Fractions and Mixed Numbers	M508 Chapter 1: Variables and Tables Chapter 2: Properties of Addition and Multiplication Chapter 3: Relating Addition and Subtraction Chapter 4: Solving Addition and Subtraction Equations Chapter 5: Using Expressions
M504 Chapter 1: Adding and Subtracting Decimals		M509 Chapter 1: Order of Operations Chapter 2: Evaluating Expressions with Whole Numbers Chapter 3: Relating Multiplication and Division Chapter 4: Evaluating Expressions with Decimal Equations Chapter 5: Evaluating Expressions with Fractions

M510

Chapter 1: Organizing and Displaying Data

Chapter 2: Types of Graphs

Chapter 3: Mean, Median, Mode

Chapter 4: Graphing Coordinates

M511

Chapter 1: Language or Math: Addition and Subtraction

Chapter 2: Point, Lines, and Angles

Chapter 3: Polygons and Quadrilaterals

Chapter 4: Triangles

Chapter 5: Congruent Figures, Symmetry and Solid Figures

M512

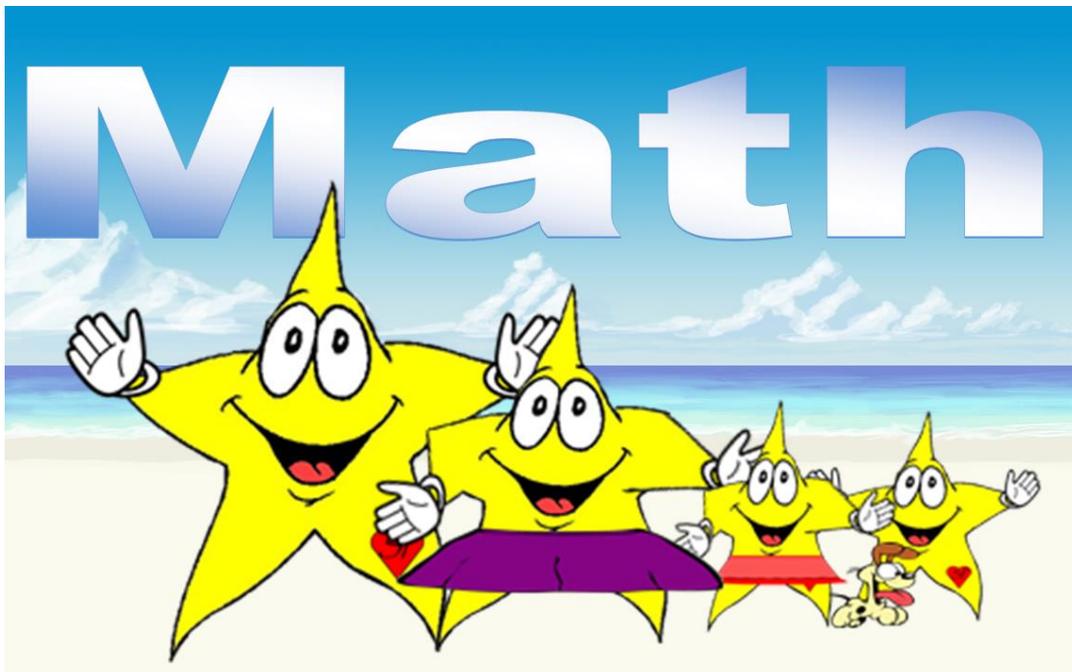
Chapter 1: Coordinate Graphing

Chapter 2: Perimeter and

Circumference

Chapter 3: Area

Chapter 4: Surface Area Chapter 5: Volume



# 5th Grade SCIENCE



Fifth grade students build on investigation and research skills developed in prior grades. Students study atoms, elements and the periodic table, as well as solids, liquids and gases. They learn about energy, electricity and light, and how cameras and telescopes work. Through experiments and research, students study the human body, including cell, heart, breathing, circulatory system, and digestive system. Students study animal and plant cells and life cycles of plants, animals, and insects. Fifth grade students learn about ecosystems, habitats, and weather effects on our planet. They also study constellations and planets' effects on each other.

S501	Section 3: Properties of Gases	Section 2: Sound Energy
Chapter 1: Atoms and Matter	Chapter 3: Salts	Section 3: Other Forms of Energy
Section 1: What Do Atoms Look Like?	Section 1: Salt	Chapter 2: Electrical Energy
Section 2: Matter	Section 2: How Are Salts Made?	Section 1: Electricity in Circuits
Section 3: Elements and Chemical Reactions	Section 3: More About Salt	Section 2: More About Electricity
Chapter 2: The Periodic Table of Elements	S503	Section 3: Electricity in Your Home
Section 1: Elements	Chapter 1: Classifying Matter by Its Physical Properties	Chapter 3: Bending and Reflecting Light
Section 2: What the Periodic Table of Elements Tells Us	Section 1: Classifying Matter	Section 1: The Behavior of Light
Section 3: How the Periodic Table is Organized	Section 2: Conduction and Insulation of Heat	Section 2: How Cameras and Telescopes Work
Chapter 3: Molecules and Metals	Section 3: Continued: More About Conduction and Insulation of Heat	Section 3: More About Reflecting and Refracting Light
Section 1: Why Atoms Bond	Section 4: More About Conduction and Insulation	S505
Section 2: Properties of Metals	Chapter 2: Physical Properties of Mixtures	Chapter 1: Cells, the Building Blocks of Life
Section 3: How the Periodic Table Groups Metals	Section 1: Solutions	Section 1: All About Cells
S502	Section 2: Other Mixtures	Section 2: Simple Organisms
Chapter 1: Mixtures, Compounds and Formulas	Section 3: Alloys	Section 3: Multicellular Organisms
Section 1: Properties and Mixtures	Chapter 3: Constant Properties	Chapter 2: Your Respiratory System and Circulatory System
Section 2: Compounds	Section 1: Boiling Point	Section 1: How You Breathe
Section 3: Formulas of Compounds	Section 2: Melting Point	Section 2: Your Heart
Chapter 2: Properties of Solids, Liquids, and Gases	Section 3: Other Constant Properties	Section 3: Your Circulatory System
Section 1: Properties of Solids	S504	Chapter 3: Your Digestive System
Section 2: Properties of Liquids	Chapter 1: Different Forms of Energy	Section 1: Take a Bite
	Section 1: The Basics of Energy	Section 2: Break It Down!

Section 3: The Rest of the Digestive System

S506

Chapter 1: Your Kidneys  
Section 1: The Purpose of the Kidneys  
Section 2: What Actually Happens Inside Your Kidneys  
Section 3: Kidney Diseases  
Chapter 2: Animal Cells  
Section 1: What Animal Cells Look Like  
Section 2: More Parts of Animal Cells  
Section 3: More About Organelles  
Chapter 3: Your Nervous System  
Section 1: Nerves  
Section 2: Your Incredible Brain  
Section 3: The Nervous System

S507

Chapter 1: Vascular Plants  
Section 1: The Parts of a Vascular Plant  
Section 2: Angiosperms and Gymnosperms  
Section 3: Monocots, Dicots, and Plant Movement  
Chapter 2: Plants and Photosynthesis  
Section 1: The Importance of Plants  
Section 2: Plant Parts  
Section 3: Photosynthesis  
Chapter 3: Life Cycles  
Section 1: Life Cycles of Plants  
Section 2: Life Cycles of Animals  
Section 3: Life Cycles of Insects

S508

Chapter 1: Ecosystems and Habitats  
Section 1: What Are Ecosystems and Habitats?  
Section 2: Changes and Conservation  
Section 3: Types of Habitats That Organisms Live In  
Chapter 2: Adapting to the World  
Section 1: Surviving in the Ocean  
Section 2: Forests  
Section 3: Deserts, Wetlands, and Grasslands

Chapter 3: Inherited Traits and Learned Characteristics

Section 1: Genetic Changes and Somatic Changes

Section 2: Inherited Traits of Plants and Animals

Section 3: Learned Characteristics of Plants and Animals

S509

Chapter 1: Water  
Section 1: Oceans  
Section 2: Evaporation  
Section 3: Condensation  
Chapter 2: Precipitation  
Section 1: Clouds  
Section 2: Rain and Snow  
Section 3: Hail and Sleet  
Chapter 3: Fresh Water  
Section 1: Sources of Fresh Water  
Section 2: Water Conservation  
Section 3: Alternate Sources of Water

S510

Chapter 1: Weather  
Section 1: Air Currents  
Section 2: The Effects of the Ocean and Water Cycle

Section 3: Regular Changes in the Weather

Chapter 2: Severe Weather  
Section 1: Thunderstorms

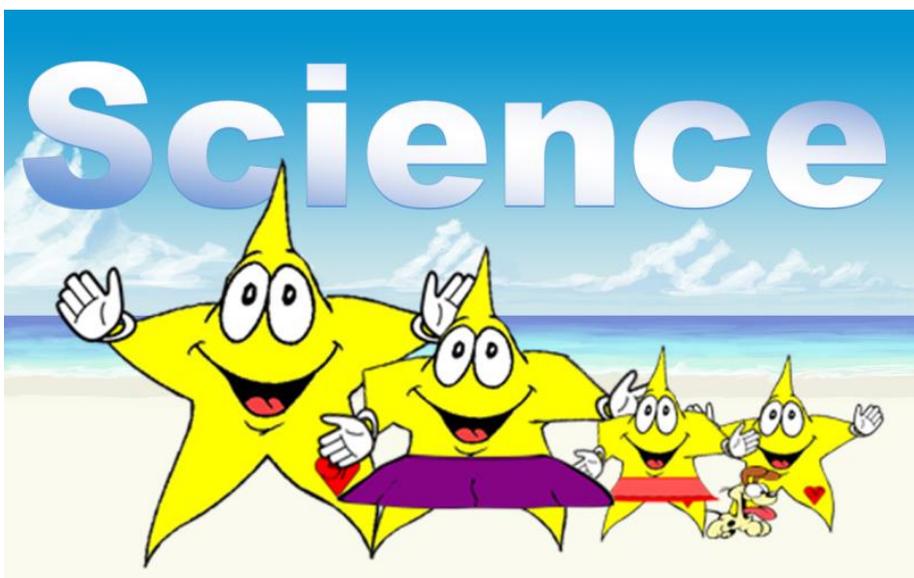
Section 2: Hurricanes and Tornadoes  
Section 3: Other Types of Severe Weather

Chapter 3: The Atmosphere and Weather Forecasting

Section 1: The Atmosphere  
Section 2: Air Weight and Pressure  
Section 3: Forecasting the Weather

S511

Chapter 1: Our Sun and the Solar System  
Section 1: The Incredible Heavens  
Section 2: The Stars in History  
Section 3: Our Sun, the Star  
Chapter 2: The Planets of Our Solar System  
Section 1: Mercury, Venus, Earth  
Section 2: Mars, Jupiter, Saturn  
Section 3: Uranus, Neptune, Pluto  
Chapter 3: More About Our Skies  
Section 1: Smaller Parts of Our Solar System  
Section 2: Constellations  
Section 3: How the Planets Affect Each Other



# 5th Grade SOCIAL STUDIES



In the fifth grade students study the people of the Americas, including Cliff Dwellers, Nomads, American Indians and Woodland People. Students study reasons for exploration and explorers, such as Christopher Columbus and Francisco Vasquez de Coronado. They study early land and sea explorers to the Americas, as well as early settlements in North America. In the fifth grade, students do reports, create dioramas, or bring artifacts to enrich understanding. Students learn about the many Colonies that made up early America. They study the French and Indian War, and the Declaration of Independence. In the fifth grade, students learn about early government, study the Bill of Rights, and learn of the Westward Expansion. They learn about the California Gold Rush and the Oregon Trail. Students work in groups, and alone, preparing charts and graphs, and developing critical thinking skills.

## SS501

Chapter 1: Who Were the First Americans?  
Section 1: Native American Culture  
Section 2: The Southwest Cliff Dwellers and Pueblo Peoples  
Section 3: The Nomads of the Great Plains  
Section 4: The American Indians of the Pacific Northwest  
Section 5: The Woodland People East of the Mississippi  
Chapter 2: Customs, Traditions, and Folklore  
Section 1: Traditions and Customs  
Section 2: Native American Folklore  
Character Moment – Creative  
Section 3: The Native American Clan  
Chapter 3: Money and Government Systems  
Section 1: Native American Money  
Section 2: Native American Government  
Section 3: Class Project

## SS502

Chapter 1: What Made the Explorers Want to Go Exploring?  
Section 1: Stories From the Past About Lots of Gold  
Section 2: Christopher Columbus' Reasons to Explore  
Section 3: The Exploration of Vasco De Gama  
Section 4: What Are the Characteristics of an Explorer?  
Chapter 2: What Did the Explorers Do That Changed History?  
Section 1: Francisco Vasquez De Coronado's Expeditions  
Section 2: The Protestant Reformation and the Counter Reformation  
Section 3: Other Explorers and Their Parts in History  
Chapter 3: Where Did the Explorers Explore?  
Section 1: Where Shall We Go?  
Section 2: Explorer's Route Map Project  
Section 3: What Do the Important Words Mean?

## SS503

Chapter 1: Early Sea Explorers to the Americas  
Section 1: John Cabot Claims North America For England  
Section 2: Juan Ponce De León Explores Florida  
Section 3: Balboa and Magellan Make New Discoveries  
Section 4: Jacques Cartier Explores New World For France  
Chapter 2: Early Land Explorers to the Americas  
Section 1: Early Spanish Conquistadors to Central and South America  
Section 2: Early Spanish Explorers to North America  
Section 3: The English Gain Power Over Spain  
Section 4: The French Explore and Settle Canada  
Chapter 3: Early Settlements in North America  
Section 1: Spanish St. Augustine, the First

Permanent Settlement  
Section 2: The Lost English Colony  
Section 3: Jamestown, the First English Settlement

#### SS504

Chapter 1: America's First Colonies  
Section 1: Virginia Character Moment—Determined  
Section 2: The Separatists  
Section 3: The Mayflower and the Mayflower Compact  
Section 4: Plymouth Colony  
Chapter 2: A New Beginning in America  
Section 1: The First Thanksgiving  
Section 2: Other Colonies Begin in America  
Section 3: Massachusetts Bay Colony  
Section 4: Rhode Island Colony  
Chapter 3: More American Colonies  
Section 1: Connecticut Colony  
Section 2: New Hampshire Colony  
Section 3: New York Colony

#### SS505

Chapter 1: Other Colonies in America  
Section 1: Delaware Colony and New Jersey Colony  
Section 2: William Penn, the Quaker  
Section 3: a New Start in Pennsylvania  
Section 4: Maryland Colony  
Chapter 2: More Colonies in the South  
Section 1: The Carolina Colonies  
Section 2: Georgia, the Last Colony  
Section 3: The Thirteen Original Colonies  
Section 4: Home Life in Colonial America  
Chapter 3: More About Colonial Life  
Section 1: Churches and Schools  
Section 2: Industry  
Section 3: Representative Government

#### SS506

Chapter 1: The Great Awakening  
Section 1: The Great Awakening Begins  
Section 2: Jonathan Edwards, the Great Puritan Preacher

Section 3: George Whitefield, a Great Evangelist  
Section 4: Phillis Wheatley, Child of the Great Awakening  
Chapter 2: The Colonies Continue to Change  
Section 1: A Poem Written by Phillis Wheatley  
Section 2: How the Great Awakening Changed America  
Section 3: English Colonies and New France Expand  
Section 4: The French and English Become Enemies  
Chapter 3: The French and Indian War  
Section 1: Let the Wars Begin-  
Section 2: The French and Indian War  
Section 3: The English Are Victorious

#### SS507

Chapter 1: The Colonists Clash with King George  
Section 1: King George the Third  
Section 2: Resistance to Imperial Policy  
Section 3: Trouble in Boston  
Section 4: First Continental Congress  
Chapter 2: The Colonies Head toward Independence  
Section 1: Battles of Lexington and Concord  
Section 2: The Second Continental Congress  
Section 3: The Patriots Entrench  
Section 4: Battle of Bunker (Breed's) Hill  
Chapter 3: The Declaration of Independence  
Section 1: The Capture of Fort Ticonderoga  
Section 2: Siege of Boston  
Section 3: The Declaration of Independence

#### SS508

Chapter 1: The Fighting Begins  
Section 1: The Patriots Entrench in New York  
Section 2: The British Take New York City

Section 3: Washington Crosses the Delaware  
Section 4: a Flag For America  
Chapter 2: The Difficult First Years  
Section 1: Let's Review  
Section 2: The British Take Philadelphia  
Section 3: The British March to Saratoga  
Chapter 3: Winter At Valley Forge  
Section 1: Surrender At Saratoga  
Section 2: The Continental Army Winters At Valley Forge  
Section 3: Baron Von Steuben, Drillmaster

#### SS509

Chapter 1: The War Moves West  
Section 1: France Joins the War  
Section 2: Monmouth—the Last Major Battle in the North  
Section 3: Western Campaigns  
Chapter 2: The War Moves South  
Section 1: The Continental Navy  
Section 2: The War Moves South  
Section 3: General Greene Splits His Army in the South  
Section 4: The Patriots Plague the British  
Chapter 3: Final Surrender At Yorktown  
Section 1: Cornwallis Surrounded in Yorktown  
Section 2: The Siege of Yorktown

#### SS510

Chapter 1: A Government For a New Nation  
Section 1: The Articles of Confederation  
Section 2: Our Constitution  
Section 3: Our Government  
Chapter 2: a New Country in a Changing World  
Section 1: The Bill of Rights  
Section 2: a President For a New Republic  
Section 3: The French Revolution  
Section 4: Napoleon Bonaparte  
Chapter 3: Westward Expansion

Section 1: The Louisiana Purchase  
Section 2: Lewis and Clark Expedition  
Section 3: The Northwest Territory

SS511

Chapter 1: The War of 1812

Section 1: A War Between France and England

Section 2: Sea Battles

Section 3: The Star-Spangled Banner

Chapter 2: The War Ends and America Expands

Section 1: The Battle of New Orleans  
Section 2: Americans Push West  
Section 3: Daniel Boone  
Section 4: Purchase of Florida

Chapter 3: Travel in the Early 1800's

Section 1: Types of Transportation

Section 2: Second Great Awakening

SS512

Chapter 1: The United States Gains the Southwest

Section 1: Remember the Alamo

Section 2: The Mexican War  
Section 3: The Bear Flag Republic  
Chapter 2: Profit Lures More Americans West

Section 1: The California Gold Rush

Section 2: The Western Mountain Man

Section 3: The British Northwest

Section 4: The Northwest Boundary Dispute

Chapter 3: Oregon Or Bust

Section 1: The Oregon Trail

Section 2: Oregon Settlers



# 6th Grade LANGUAGE ARTS



Sixth grade students compose different types of sentence structure including simple, compound, and complex sentences. They learn the proper use of verb tenses, indefinite pronouns, compound subjects, salutation punctuation, and capitalization. The students study metaphors, similes, hyperboles, personification, and narration. Sixth grade students prepare and present oral and written reports using outlines, themes, narrative, and concrete language. They use email, use computer documents, use keyword searches, and use bulletin boards. The students prepare and finish a multimedia presentation. Sixth grade students use persuasive writing and speaking to give a problem-solving speech.

E601	Chapter 3: More Types of Fiction	Chapter 3: Responses to Literature
Chapter 1: Perfect Verb Tenses	Section 1: Fiction	Section 1: Understanding Responses
Section 1: Verb Tenses		Section 2: Interpretation and Textual Evidence
Section 2: Using Perfect Verb Tenses in Sentences.	E603	Section 3: Oral Report
Chapter 2: Indefinite Pronouns, Compound Subjects, Verb Agreement, and Salutation Punctuation	Chapter 1: Figurative Language	E605
Section 1: Indefinite Pronouns	Section 1: Simile	Chapter 1: Choosing Form of Writing According to Purpose
Section 2: Compound Subjects	Section 2: Metaphors	Section 1: Letters
Section 3: Subject/Verb Agreement	Section 3: Hyperboles	Section 2: Reports, Reviews, and Memos
Section 4: Salutation Punctuation	Section 4: Personification	Section 3: Narratives, Poems, and News Articles
Chapter 3: Capitalization and Frequently Misspelled Words	Chapter 2: Narration and Literary Devices	Chapter 2: Writing Narratives
Section 1: Capitalization	Section 1: Narration	Section 1: Setting, Plot and Point of View
Section 2: Frequently Misspelled Words	Section 2: Literary Devices	Section 2: Sensory Details Section 3: Concrete Language
E602	Section 3: What is Symbolism?	Section 4: Writing with Dialogue
Chapter 1: Types of Sentences	Section 4: Imagery	Section 5: Writing with Suspense
Section 1: Simple Sentences	Section 5: Figurative Language and Literary Devices in Literature	Chapter 3: Writing and Reading Narratives
Section 2: Compound Sentences	Chapter 3: Tone and Meaning in Poetry	Section 1: Writing Narratives
Section 3: Complex Sentences	Section 1: Poetry	Section 2: Beginning to Write
Section 4: Combining Sentences Using a Semicolon	Section 2: Creating Tone and Meaning	Section 3: Reading with Interest
Chapter 2: Compound-Complex Sentences and Types of Fiction	E604	E606
Section 1: Compound-Complex Sentences	Chapter 1: Learning About and Using Outlines	Chapter 1: Word Processing
Section 2: Types of Fiction	Section 1: Basics of Outlines	Section 1: Learning Basic Information
	Section 2: Identifying Main Ideas: Writing an Outline From Prose	
	Chapter 2: Reporting On Literature	
	Section 1: Reports and Summaries	
	Section 2: Themes	

Section 2: Learn to Save Computer Documents  
 Chapter 2: Formatting Word Documents  
 Section 1: Setting Up the Document  
 Section 2: Options with Appearance  
 Section 3: Spacing and Justification  
 Chapter 3: Writing an Interpretation of Literature  
 Section 1: What is an Interpretation  
 Section 2: Developing an Interpretation  
 Section 3: Supporting an Interpretation  
 Section 4: Writing Your Own Interpretation

E607

Chapter 1: Locating Information in Electronic Text  
 Section 1: Email  
 Section 2: Keyword Searches  
 Chapter 2: Bulletin Boards and Themes in Writing  
 Section 1: Bulletin Boards  
 Section 2: Identifying and Connecting Themes in Literature  
 Section 3: Awareness of Audience  
 Chapter 3: Writing Styles and the Process of Writing  
 Section 1: Introduction to Organizational Patterns of Writing: Comparison and Contrast  
 Section 2: Review of Purposes and Types of Writing  
 Section 3: The Process of Writing  
 Section 4: Beginning to Write

E608

Chapter 1: Introductions, Conclusions, and Transitions  
 Section 1: Introductions  
 Section 2: Conclusions  
 Section 3: Transitions  
 Chapter 2: Sources, Citing, and Bibliographies  
 Section 1: Use of Sources  
 Section 2: Referring to Sources in Speech

Section 3: Bibliographies  
 Chapter 3: Revision and Learning About Organizational Patterns  
 Section 1: Revising  
 Section 2: Final Draft  
 Section 3: Organizational Patterns of Writing

E609

Chapter 1: Writing with Organizational Patterns  
 Section 1: Using the Technique of Categories  
 Section 2: Using the Organizational Pattern of Spatial Order  
 Section 3: Writing Using Order of Importance  
 Section 4: Writing a Paragraph Using Climactic Order  
 Chapter 2: Using Visual and Media Displays in a Speech  
 Section 1: Learning About Multimedia Presentations  
 Section 2: Preparing a Multimedia Presentation  
 Chapter 3: Giving a Multi-Media Presentation  
 Section 1: Finishing the Multi-Media Presentation

E610

Chapter 1: Preparing Applications and Giving a Descriptive Speech  
 Section 1: Learning About Applications  
 Section 2: Filling Out Applications  
 Section 3: Descriptive Speeches  
 Chapter 2: Analyzing Writing Techniques  
 Section 1: The Compare and Contrast Organizational Pattern

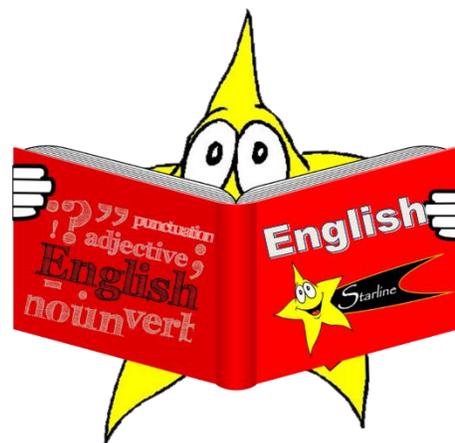
Section 2: Intent and Effect in Poetry  
 Chapter 3: Determining the Meaning of Words  
 Section 1: Synonyms  
 Section 2: Using Context Clues

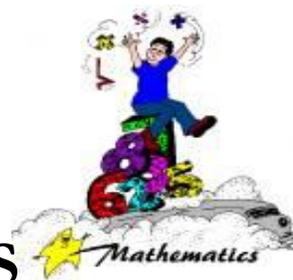
E611

Chapter 1: Persuasive Arguments  
 Section 1: Agreement of Idea and Support  
 Section 2: Support Using Evidence Instead of Opinion  
 Section 3: Adequate Evidence  
 Section 4: Propaganda  
 Chapter 2: Writing Persuasively  
 Section 1: Persuasive Writing  
 Section 2: Persuasive Speaking

E612

Chapter 1: Understanding Specific Words in Context  
 Section 1: Learning About Foreign Words Used in English  
 Section 2: Specific Definitions  
 Chapter 2: Determining the Meaning of Unknown Words  
 Section 1: Using Context Clues  
 Chapter 3: Preparing Problem and Solution Speeches  
 Section 1: Introduction to Problem and Solution Organization  
 Section 2: Thinking Through the Causes of Problems  
 Section 3: Preparing a Problem-Solving Speech





# 6th Grade MATHEMATICS

Sixth grade students multiply and divide using whole numbers and decimals. They solve equations and problems using fractions and mixed numbers. They study geometric formulas, data analysis, and mathematical reasoning. The sixth grade student works with percentages, ratios, and proportions. They study probability and statistics using data analysis and estimation. Sixth grade students study geometry, symmetry, transformations, and spatial relationships.

M601  
 Chapter 1: Whole Numbers and Decimals  
 Section 1: Place Value: Whole Numbers and Decimals  
 Section 2: Expanded Form  
 Section 3: Comparing Decimals  
 Section 4: Ordering Decimals  
 Chapter 2: Addition Properties: Adding and Subtracting Whole Numbers and Decimals  
 Chapter 3: Multiplication Properties: Multiplying Whole Numbers and Decimals  
 Chapter 4: Dividing by Whole Numbers and Decimals  
 Chapter 5: Solving Multiplication and Division Equations

M602  
 Chapter 1: Order of Operations  
 Chapter 2: Variables and Expressions  
 Chapter 3: Writing Expressions  
 Chapter 4: Solving Addition and Subtractions Equations  
 Chapter 5: Order of Operations Part 2

M603  
 Chapter 1: Customary & Metric Units of Measure

Section 1: Converting Customary Units of Measurement  
 Section 2: Converting Metric Units of Measurement  
 Section 3: Converting Customary Units to Metric Units  
 Chapter 2: Classifying & Measuring Angles  
 Section 1: Types of Angles  
 Section 2: Geometric Figures  
 Chapter 3: Triangles  
 Section 1: Triangles Classified by Their Sides  
 Section 2: Triangles Classified by Their Angles  
 Section 3: Triangles Finding Sum of Their Angles  
 Chapter 4: Quadrilaterals  
 Section 1: Classifying Quadrilaterals  
 Section 2: Finding Missing Angle in a Quadrilateral

M604  
 Chapter 1: Fraction – Adding and Subtraction with Like Denominators  
 Chapter 2: Adding and Subtracting Fractions with Unlike Denominators  
 Section 1: Prime Factorization to Find LCM and LCD  
 Chapter 3: Solving Addition and Subtraction Equations with Fractions

Chapter 4: Estimating: Multiplying & Dividing Fractions & Mixed Numbers  
 Section 1: Estimation  
 Section 2: Multiplying Fractions and Mixed Numbers  
 Section 3: Dividing Fractions  
 Chapter 5: Solving Equations & Problems Using Fractions & Mixed Numbers  
 Section 1: Factoring and Reducing Fractions

M605  
 Chapter 1: Addition and Subtraction  
 Chapter 2: Multiplication and Division  
 Chapter 3: Word Problem Strategies

M606  
 Chapter 1: Plane and Solid Shapes  
 Section 1: Understanding Plane Shapes  
 Section 2: Understanding Solid Shapes  
 Chapter 2: Circle Concepts and Geometry  
 Section 1: Circle Parts  
 Section 2: Circumference of a Circle and Pi As a Constant  
 Section 3: Area of a Circle  
 Chapter 3: Using Variables in Geometric Formulas  
 Section 1: Understanding Perimeter Formulas

Section 2: Understanding Area Formulas  
Section 3: Understanding Volume Formulas

#### M607

Chapter 1: Data Analysis: Mean, Median, Mode, and Range  
Section 1: Mean, Median, Mode, and Range  
Section 2: Outliers and Central Tendency  
Chapter 2: Data Analysis: Tables and Graphs  
Section 1: Tables  
Section 2: Bar Graphs  
Section 3: Line Graphs  
Section 4: Circle Graphs  
Section 5: Pictographs  
Chapter 3: Data Analysis: Project

#### M608

Chapter 1: Mathematical Reasoning: Patterns, Sequences, and Functions  
Section 1: Finding Patterns in Mathematics  
Section 2: More Patterns and Sequences  
Section 3: Functions  
Chapter 2: Relevant, Irrelevant, and Missing Information  
Section 1: Relevant and Irrelevant Information  
Section 2: Missing Information and Quantitative Comparisons  
Chapter 3: Strategies and Skills to Find Solutions  
Section 1: Fraction Diagrams  
Section 2: Problem Solving Strategies

#### M609

Chapter 1: Working with Percentages, Fractions, and Decimals  
Section 1: Working with Reciprocals  
Section 2: Writing Percentages as Fractions

Section 3: Writing Fractions as Percentages  
Section 4: Writing Percentages as Decimals  
Section 5: Writing Fractions as Percents-2  
Section 6: Writing Decimals as Percentages  
Section 7: Writing Mixed Numbers as Percentages  
Section 8: Finding a Percent  
Section 9: Finding a Whole when a Percent is Known  
Section 10: Finding a Percent of a Number  
Section 11: Percentages with Discounts and Tips  
Section 12: Finding Interest  
Section 13: Equivalent Fractions, Decimals, and Percentages  
Chapter 2: Working with Ratios and Rates  
Section 1: Ratios  
Section 2: Finding Ratios and Totals  
Section 3: Understanding Rates  
Chapter 3: Working with Proportions  
Section 1: Proportions  
Section 2: Proportions Using Cross Multiplication  
Section 3: Proportions and Ratio Word Problems  
Section 4: Proportions and Geometric Figures

M610

Chapter 1: Basic Probability  
Section 1: Introduction to Probability  
Section 2: Predictable? Possible? Favorable? Unfavorable?  
Section 3: Personal Opinion Versus Time Testing  
Chapter 2: Rules and Expression of Probability

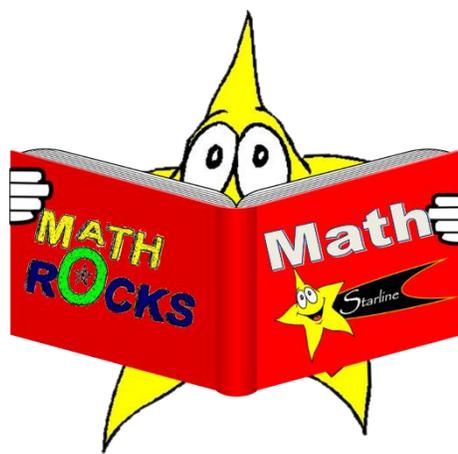
Section 1: Probability is a Fraction, Ratio, and Proportion  
Section 2: Probabilities Are Decimals and Percentages  
Section 3: Dependent Or Independent  
Chapter 3: The Addition Rule and Probability in Real Life  
Section 1: The Addition Rule  
Section 2: Using Probability in Real Life

#### M611

Chapter 1: Data Analysis and Statistics  
Section 1: Data Analysis  
Section 2: Data Collection  
Section 3: Data Representation Errors  
Section 4: Data Collection Errors  
Section 5: Sampling Differences  
Chapter 2: Data Analysis  
Section 1: Data Analysis and Estimation  
Section 2: Sampling Errors and Data Validation

#### M612

Chapter 1: Geometry and Symmetry  
Section 1: Geometry and Relationships  
Section 2: Lines of Symmetry  
Chapter 2: Transformations  
Section 1: Rotations, Translations, and Reflections  
Section 2: Angle or Degree of Rotation  
Section 3: Transformations on a Grid  
Chapter 3: Spatial Relationships  
Section 1: Nets and Patterns



# 6th Grade SCIENCE



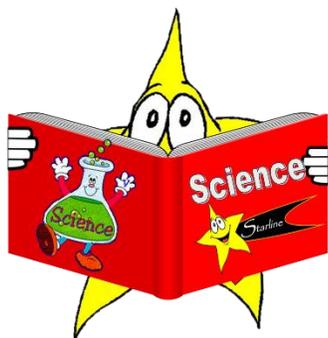
Sixth grade science students study earthquakes, volcanoes, the outer layer, the metallic core, and oceanic plates. Students develop critical thinking skills with laboratory oriented projects including artesian wells, erosion by water, simple machines, and photosynthesis. Sixth grade science studies include ecosystems, fossil fuels, solar energy, thermodynamics, and biodiversity. They study worldwide weather, the five biomes, and energy and matter in the environment. Authentic assessment tools, such as oral presentations, science fair projects, and cooperative activities are incorporated into the sixth grade program.

<p>S601 Chapter 1: Introduction to the Scientific Method Section 1: Observing Nature Section 2: Classifying Data Chapter 2: Hypotheses and Experiments Section 1: Forming a Hypothesis Section 2: Recognizing Cause and Effect Section 3: Designing an Experiment to Test a Hypothesis Section 4: Separating and Controlling Variables Section 5: Interpreting Data Chapter 3: Expressing Findings Section 1: Making and Using Graphs Section 2: Interpreting Scientific Illustrations Section 3: Making Models</p> <p>S602 Chapter 1: Plate Tectonics and the Earth's Structure Section 1: How Plate Tectonics Works Section 2: Earthquakes Section 3 : Volcanoes Section 4: More Evidence of Continental Drift Chapter 2: Layers of the Earth</p>	<p>Section 1: The Outer Layer Section 2: Convecting Mantle Section 3: Metallic Core Chapter 3: Lithospheric Plates Section 1: Movement of Continental Plates Section 2: Oceanic Plates</p> <p>S603 Chapter 1: Section 1: Components of Ecosystems Section 2: Biodiversity Chapter 2: Section 1: Material Cycles Section 2: Nitrogen Fixation Section 3: Organism Interactions Chapter 3: Section 1: Population Section 2: Resources and Conservation</p> <p>S604 Chapter 1: Section 1: The Water Cycle Section 2: Groundwater Section 3: Artesian Wells Section 4: Experiment: Artesian Water Section 5: Stream Systems Section 6: Oxbow Cutoff</p>	<p>Chapter 2: Section 1: Erosion Section 2: Floods Section 3: Persuasive Section 4: The Sun Section 5: Ocean Currents Chapter 3: Section 1: Wind Section 2: General Circulation Patterns Section 3: Tides</p> <p>S605 Chapter 1: Section 1: Mapping Section 2: Topographic Map Section 3: Latitude and Longitude Section 4: Universal Transverse Mercator Chapter 2: Section 1: Polite Section 2: Map Making Section 3: Map Making: China Chapter 3: Section 1: Different Types of Maps Section 2: Earth's Lithosphere Section 3: Oceanic Lithosphere Section 4: Continental Lithosphere</p>
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S606  
 Chapter 1:  
 Section 1: Matter  
 Section 2: Chemical Formulas  
 Chapter 2:  
 Section 1: Energy  
 Section 2: Climate: Earth Facts  
 Section 3: Living Earth  
 Chapter 3:  
 Section 1: Forces  
 Section 2: Simple Machines

S607  
 Chapter 1:  
 Section 1: Worldwide Weather  
 Chapter 2: The Five Biomes  
 Section 1: Arctic Tundra  
 Section 2: Desert  
 Section 3: Taiga  
 Section 4: Tropical Rainforest  
 Section 5: Tropical Savannah  
 Chapter 3:  
 Section 1: Beaches  
 Section 2: Barrier Islands  
 Section 3: Man-Made Structures  
 Section 4: Tides  
 Section 5: Waves  
 Section 6: Currents  
 Section 7: Sea Level Changes

S608  
 Chapter 1:  
 Section 1: Living Versus Non-Living  
 Section 2: Life Energy  
 Section 3: The Definition of Science  
 Section 4: Scientific and Critical Thinking  
 Section 5: The Central Components of Scientific Thinking  
 Chapter 2:



Section 1: The Scientific Method in Practice  
 Section 2: Instrumentation  
 Section 3: Experiment  
 Chapter 3:  
 Section 1: Environment  
 Section 2: Why Preserve Biodiversity?  
 Section 3: Fish Reproduction  
 Section 4: Heredity in Plants  
 Section 5: Mendel and Dominant/Recessive Traits  
 Section 6: Heredity in Animals  
 Section 7: The Life Cycle

S609  
 Chapter 1:  
 Section 1: Biomes  
 Section 2: Producers and Consumers  
 Section 3: Nutritional Levels  
 Section 4: Food Web Activity  
 Chapter 2:  
 Section 1: Resourceful  
 Section 2: Biomes  
 Section 3: Habitat  
 Section 4: Ecosystems  
 Chapter 3:  
 Section 1: Ecological Roles  
 Section 2: Energy and Matter in the Environment

S610  
 Chapter 1:  
 Section 1: Plants  
 Section 2: Leaves and Leaf Structure  
 Section 3: The Nature of Light  
 Section 4: Chlorophyll and Accessory Pigments  
 Section 5: The Photosynthetic Model  
 Chapter 2:  
 Section 1: Respectful  
 Section 2: Population  
 Section 3: Categories  
 Section 4: Environment  
 Section 5: Coping with Habitat Change  
 Section 6: Limiting Factors  
 Chapter 3:  
 Section 1: Growth and Development  
 Section 2: Growth Patterns

S611  
 Chapter 1:  
 Section 1: Energy  
 Section 2: Work  
 Section 3: Energy Sources  
 Section 4: Fuel to Heat  
 Section 5: Fossil Fuels  
 Section 6: Other Energy Sources  
 Chapter 2:  
 Section 1: Responsible  
 Section 2: Usefulness  
 Section 3: Energy Development  
 Section 4: Solar Energy  
 Section 5: Energy and Matter Types  
 Chapter 3:  
 Section 1: Forces  
 Section 2: Light Rays  
 Section 3: Thermodynamics  
 Section 4: Heat Movement  
 Section 5: Energy Transformations

S612  
 Chapter 1:  
 Section 1: Introduction to the Scientific Method  
 Section 2: Plate Tectonics and the Earth's Structure  
 Section 3: Components of Ecosystems  
 Section 4: Biodiversity  
 Section 5: Population  
 Chapter 2:  
 Section 1: Secure  
 Section 2: The Water Cycle  
 Section 3: Tides  
 Section 4: Mapping  
 Section 5: Matter  
 Chapter 3:  
 Section 1: Living Versus Non-Living  
 Section 2: Scientific and Critical Thinking  
 Section 3: Environment  
 Section 4: Biodiversity  
 Section 5: Producers and Consumers  
 Section 6: Habitat  
 Section 7: Ecosystems  
 Section 8: Photosynthesis  
 Section 9: The Nature of Light  
 Section 10: Energy

# 6th Grade SOCIAL STUDIES



Sixth grade social studies curriculum includes the study of early humans, the development of tools, patterns of migration, how civilizations develop, and the role of religion. Students study the people and events of ancient history including Egypt, Nubia, Kush, and Mesopotamia. They choose a topic, research ideas, take notes, organize an outline, write a rough draft, write a bibliography, write a final copy, and give an oral report of their findings. The students utilize map skills throughout the year demonstrating their knowledge of The Balkan Peninsula, Greece, Egypt, India, Rome, and China. Sixth grade students study the regions of China and Rome and the events and people that shaped those societies. They study ancient Rome, the Birth of Christianity, Moses and the Ten Commandments, and Abraham the Father of Many Nations.

SS601

Chapter 1: The Hunter-Gatherer Societies

Section 1: How We Study the Past

Section 2: Early Humans: Neanderthal and Cro-Magnon Humans

Section 3: Why Many Scientists Do Not Accept the Theory of Evolution  
What Scientific Evidence Reveals:

Section 4: Prehistory, History, and the Development of Tools: Discovery and Use of Fire

Chapter 2: How Humans Adapt to a Variety of Environments

Section 1: Human Communities Throughout the World

Section 2: Patterns of Migration: Asia, South America, Africa, Oceania

Section 3: How Humans Adapted to Their Environment

Chapter 3: Effects of Climatic Changes On Early Humans

Section 1: Changes in Climate

Section 2: How Rivers Influenced the Development of Agriculture

Section 3: How Agriculture Influenced Civilization

SS602

Chapter 1: Ancient Mesopotamia

Section 1: Geography and River Systems

Section 2: Permanent Settlements

Section 3: How Civilizations Develop

Chapter 2: The Rise of Cities

Section 1: Improvements in Agriculture

Section 2: Surplus Food and the Development of Cities

Section 3: Ancient Cities of Mesopotamia

Section 4: Other Mesopotamian Empires

Chapter 3: Mesopotamian Society

Section 1: The Role of Religion

Section 2: Religion, Politics and the Social Order

Section 3: The Law Code of Hammurabi

SS603

Chapter 1: History and Geography of Ancient Egypt

Section 1: the Nile River

Section 2: Upper and Lower Egypt Form an Empire

Section 3: Egypt After the Kingdom Periods

Chapter 2: Ancient Egyptian Society

Section 1: Religion in Egypt

Section 3: Egyptian Society

Section 4: Egyptian Pharaohs

Chapter 3: Egyptian Art and Architecture

Section 1: Tombs, Temples, and Sphinxes

Section 2: Egyptian Art and Sculpture

Section 3: Hieroglyphics – Artful Writing

SS604

Chapter 1: the Ancient Civilizations of Kush and Nubia

Section 1: Geography of Kush and Nubia

Section 2: History of Nubia and Kush

Chapter 2: the Importance of Trade in the Ancient Near East

Section 1: The Role of Trade in Egypt, Nubia and Kush

Section 2: Trade between Egypt and Ancient Mesopotamia

Section 3: The Seven Wonders of the Ancient World

Contributions to Modern Society

Chapter 3: The Development of Language and Its Written Forms

Section 1: The Development of Language

Section 2: Cuneiform, Language of Sumer

Section 3: Hieroglyphics, Language of Egypt

SS605

Chapter 1: Ancient Civilizations—Writing a Report

Section 1: Choosing a Topic

Section 2: Finding Sources of Information

Section 3: Reading Your Sources and Taking Notes

Section 4: Organizing Your Ideas and Writing Your Outline

Section 5: Writing the Rough Draft

Section 6: Drawing a Map

Section 7: Creating a Time Line

Section 8: Writing a Bibliography

Section 9: Editing the Rough Draft

Section 10: Writing the Final Copy

Section 11: Ancient Civilizations Report Scoring

SS606

Chapter 1: Ancient Greece

Section 1: The Balkan Peninsula

Section 2: Mountains and Seas

Chapter 2: The People of Ancient Greece

Section 1: The Minoans

Section 2: The Mycenaeans

Chapter 3: The People of Ancient Greece

Section 1: City States

Section 2: Sparta

Section 3: Athens

Section 4: The Culture of Ancient Greece

SS607

Chapter 1: the Golden Age of Ancient Greece

Section 1: The Persian War

Section 2: Pericles and Athens' Government

Section 3: Ancient Greece's Arts and Letters

Chapter 2: The Golden Age's End

Section 1: The Peloponnesian War

Section 2: The Great Philosophers

Chapter 3: Alexander's Empire

Section 1: Alexander's Rise

Section 2: Alexander the Great

SS608

Chapter 1: The Beginnings of Civilization

Section 1: Ancient India's Mountains and Rivers

Section 2: Mohenjo-Daro and Harappa: The Early Cities

Chapter 2: The People of Ancient India

Section 1: The Aryans

Section 2: The Caste System and Hinduism

Section 3: Siddhartha Gautama: The Buddha

Chapter 3: India Into the Golden Age

Section 1: India United: Chandragupta Maurya and Ashoka

Section 2: The Golden Age of India

SS609

Chapter 1: The Geography of China

Section 1: China's Mountains and Rivers

Section 2: The Regions of China

Chapter 2: Shang Dynasty

Section 1: Origins of a Dynasty

Section 2. the Shang People

Section 3. Confucianism and Taoism

Chapter 3: The Qin Dynasty

Section 1: Qin Shi Huangdi: The First Emperor of the Qin

Section 2: The Great Wall of China and the End of the Qin Dynasty

Chapter 4: The Han Dynasty

Section 1: Liu Pang and Wu Di: Leaders of the Han Dynasty

Section 2: The Silk Road

SS610

Chapter 1: People and Places in Ancient Rome

Section 1: Ancient Rome's Mountains and Seas

Section 2: the People of the Italian Peninsula

Chapter 2: From Monarchy to a Republic

Section 1: Rome's Government

Section 2: Roman Society

Chapter 3: Building an Empire

Section 1: The Punic Wars and Julius Caesar

Section 2: Octavian "Augustus" Caesar –Rome's "First Citizen"

SS611

Chapter 1: The Julio-Claudian Line

Section 1: Augustus' Legacy

Section 2: Tiberius to Nero

Chapter 2: A Jewish Prophet

Section 1: Judaism and Rome

Section 2: Jesus of Nazareth

Section 3: The Birth of Christianity

Chapter 3: an Empire in Decline

Section 1: Constantine and the Early Christians

Section 2: The End of an Empire

SS612

Chapter 1: The Beginnings of Monotheism

Section 1: Abraham, "Father of Many Nations"

Section 2: Moses and the Ten Commandments

Chapter 2: The Kingdom of Israel and the Kingdom of Judah

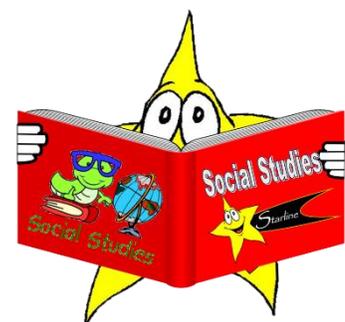
Section 1: Israel's Kings

Section 2: Two Kingdoms

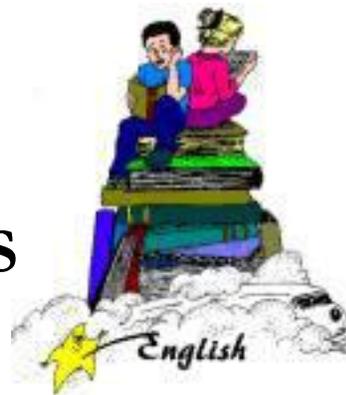
Chapter 3: The Torah and the Talmud

Section 1: The Written Laws – the Torah

Section 2: The Oral Laws – the Talmud



# 7th Grade LANGUAGE ARTS



Seventh grade students study sentence structure, diagramming subjects and predicates, helping verbs and verb phrases, and irregular verbs. They read a chosen novel, write a daily journal as they read the novel, and complete a final review of the novel. They complete this process several times throughout the year with different types of literary works such as novels, short stories and poetry. They study nouns as subjects, direct objects, and predicate nominatives. Seventh grade students study proper, possessive, and predicate adjectives, and prepositions, interjections, and conjunctions and how to use them properly in sentence structure. Students learn to use colons, semicolons, apostrophes, quotation marks, parentheses, dashes, and hyphens effectively in sentences. Seventh grade students continue to strengthen their skills in the areas of spelling, vocabulary and grammar. usage.

## E701

Chapter 1: Spelling and Writing  
Section 1: Spelling List  
Section 2: Spelling Rules  
Section 3: Searching For Meaning  
Chapter 2: Understanding Sentences  
Section 1: Classifying Sentences  
Section 2: Subjects and Predicates  
Section 3: Diagramming Subjects and Predicates  
Section 4: Phrases and Clauses  
Section 5: Sentence Structure  
Chapter 3: Verbs  
Section 1: Action Verbs  
Section 2: State of Being and Linking Verbs  
Section 3: Helping Verbs and Verb Phrases  
Section 4: Principal Parts of Verbs  
Section 5: Irregular Verbs

## E702

Literature

## E703

Chapter 1: Spelling and Writing  
Section 1: Spelling List  
Section 2: Spelling Concepts  
Section 3: Searching For Meaning  
Chapter 2: Nouns  
Section 1: Types of Nouns  
Section 2: Nouns As Subjects  
Section 3: Nouns As Direct Objects  
Section 4: Nouns As Predicate Nominatives  
Section 5: Indirect Objects  
Section 6: Appositives, Gerunds, and Infinitives  
Chapter 3: Pronouns  
Section 1: Pronouns Defined  
Section 2: Pronouns Must Agree  
Section 3: The Case of Pronouns

## E704

Literature

## E705

Chapter 1: Spelling and Writing

## Section 1: Spelling List

Section 2: Spelling Concepts  
Section 3: Searching For Meaning  
Chapter 2: Modifiers  
Section 1: Adjectives Describe  
Section 2: Proper and Possessive Adjectives  
Section 3: Predicate Adjectives  
Section 4: Comparing with Adjectives  
Section 5: Adverbs  
Section 6: Comparing with Adverbs  
Section 7: Phrases As Modifiers  
Chapter 3: Prepositions, Interjections, and Conjunctions  
Section 1: Prepositions  
Section 2: Interjections  
Section 3: Conjunctions

## E706

Literature

## E707

Chapter 1: Spelling and Writing  
Section 1: Spelling List

Section 2: Spelling Concepts  
Section 3: Searching For Meaning  
Chapter 2: Capitalization and Punctuation  
Section 1: Capitalization Rules  
Section 2: Commas  
Section 3: Colons and Semicolons  
Section 4: Apostrophes  
Section 5: Underlining  
Section 6: Quotation Marks  
Section 7: Parentheses, Dashes, and Hyphens  
Chapter 3: Paragraphs and Technical Directions  
Section 1: Paragraphs  
Section 2: Technical Directions

E708  
Literature

E709  
Chapter 1: Research Project  
Section 1: Beginning the Research Project

Section 2: Learning to Outline  
Section 3: Making an Outline  
Section 4: Research  
Chapter 2: Writing the Paper  
Section 1: Making Your Writing Interesting  
Section 2: Writing the Rough Draft  
Section 3: Revising and Rewriting  
Chapter 3: The Oral Report  
Section 1: Getting Organized  
Section 2: Preparing to Deliver  
Section 3: Practicing  
Section 4: Using Visual Aids  
Section 5: Presenting the Speech

E710  
Chapter 1: Writing a Narrative  
Section 1: Point of View, Characters, and Strategies  
Section 2: Plot  
Section 3: Writing a Narrative  
Chapter 2: Narrative Presentation  
Section 1: Getting Organized  
Section 2: Preparing to Deliver

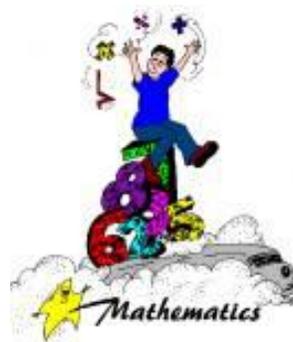
Section 3: Practicing  
Section 4: Visual Aids  
Section 5: Presenting the Speech  
Chapter 3: Persuasive Compositions  
Section 1: Beginning Persuasive Writing  
Section 2: Arguments and Counterarguments  
Section 3: Writing Persuasive Composition  
Section 4: Revising and Rewriting  
Chapter 4: Persuasive Presentation  
Section 1: Getting Organized  
Section 2: Preparing to Deliver  
Section 3: Practicing  
Section 4: Visual Aids  
Section 5: Presenting the Speech

E711  
Literature

E712  
Literature



# 7th Grade MATHEMATICS



Pre-Algebra is an advanced course for seventh graders. This year-long course prepares students to enter the study of Algebra I (a high school credited course) as eighth graders. The focus of the course is building the foundation necessary for success in the study of algebra. Students will become familiar with the following: the properties of mathematics; the language of algebra; solving one step and two step equations; adding, subtracting, multiplying and dividing rational numbers and integers; solving inequalities; graphing equations and inequalities; proportion; percent; statistics and graphs; probability; applying algebra to geometry; measurement; introduction to trigonometry; and the study of polynomials.

## M701

Chapter 1: Addition and Subtraction  
Chapter 2: Multiplication and Division  
Chapter 3: Word Problem Strategies

## M702

Chapter 1: Algebra and Integers  
Section 1: Adding Integers  
Section 2: Subtracting Integers  
Section 3: Number Line Addition & Subtraction  
Section 4: Multiplication & Division  
Chapter 2: Units of Measure  
Section 1: Time  
Section 2: Customary & Metric  
Section 3: Converting Between Customary & Metric  
Chapter 3: Graphs & Diagrams  
Section 1: Bar Graphs  
Section 2: Line Graphs  
Section 3: Tables  
Section 4: Venn Diagrams

## M703

Chapter 1: Rounding and Estimation  
Section 1: Rounding  
Section 2: Estimating  
Section 3: Evaluating Solutions  
Chapter 2: Order of Operations  
Section 1: Addition and Subtraction  
Section 2: Multiplication and Division  
Section 3: Exponents

## Section 4: Parentheses, Braces, and Brackets

Chapter 3: Story Problems  
Section 1: Whole Numbers  
Section 2: Multiple-Step Problems  
Section 3 Irrelevant and Missing Information

## M704

Chapter 1: Properties of Math  
Section 1: Commutative Property  
Section 2: Associative Property  
Section 3: Distributive Property  
Section 4: Identity and Inverse Properties  
Chapter 2: Comparison  
Section 1: Number Groups  
Section 2: Comparing Fractions  
Section 3: Comparing Decimals, Fractions, & Percentages  
Chapter 3: Absolute Value and Prime Numbers  
Section 1: Prime and Composite Numbers  
Section 2: Prime Factors  
Section 3: Greatest Common Factor  
Section 4: Least Common Multiple  
Section 5: Absolute Value

## M705

Chapter 1: Fraction Basics  
Section 1: Reducing to Lowest Terms  
Section 2: Least Common Denominator

## Section 3: Addition and Subtraction of Fractions

Chapter 2: Improper Fractions and Mixed Numbers  
Section 1: Understanding Improper Fractions and Mixed Numbers  
Section 2: Conversion with Mixed Numbers and Improper Fractions  
Section 3: Advanced Adding and Subtracting of Fractions and Mixed Numbers  
Chapter 3: Multiplying, Dividing, Estimating and Order of Operations  
Section 1: Multiplication and Division of Fractions  
Section 2: Estimating Fractions  
Section 3: Order of Operations in Fractions

## M706

Chapter 1: Expressions and Equations  
Section 1: Expressions  
Section 2: Equations (Addition and Subtraction)  
Section 3: Equations (Multiplication and Division)  
Chapter 2: More Equations and the Distance Formula  
Section 1: Two-Step Equations  
Section 2: Equation Systems  
Section 3: The Distance Formula  
Chapter 3: Inequalities and Writing Equations

Section 1: Inequalities  
Section 2: Writing Equations

M707

Chapter 1: Exponents  
Section 1: The Multiplication Property of Exponents  
Section 2: The Power Properties of Exponents  
Section 3: The Division Properties of Exponents  
Chapter 2: Scientific Notation  
Chapter 3: Radicals  
Section 1: Square Roots  
Section 2: The Pythagorean Theorem

M708

Chapter 1: Percent, Probability, and Permutations  
Section 1: Percent  
Section 2: Probability  
Section 3: Compound Probability  
Section 4: Permutations  
Chapter 2: Consumer Math  
Section 1: Sales Tax  
Section 2: Discounts and Depreciation  
Section 3: Markup and Appreciation  
Section 4: Commission  
Chapter 3: Profit and Interest  
Section 1: Profit  
Section 2: Simple Interest  
Section 3: Compound Interest

M709

Chapter 1: Polygons and Perimeter  
Section 1: Polygons  
Section 2: Perimeter  
Section 3: Circumference  
Chapter 2: Area  
Section 1: Rectangles, Squares, and Other Parallelograms  
Section 2: Triangles  
Section 3: Trapezoids  
Section 4: Circles  
Chapter 3: Surface Area and Volume  
Section 1: Surface Area  
Section 2: Cubes and Rectangular Prisms  
Section 3: Triangular Prisms and Cylinders  
Section 4: Pyramids and Cones

M710

Chapter 1:  
Section 1: Coordinate Graphing  
Section 2: Graphing Simple Figures  
Section 3: Translation, Reflection, and Missing Points  
Section 4: Graphing Linear Functions  
Chapter 2: Slope Angles and Basic Geometry  
Section 1: Slope  
Section 2: Types of Angles  
Section 3: Polygons

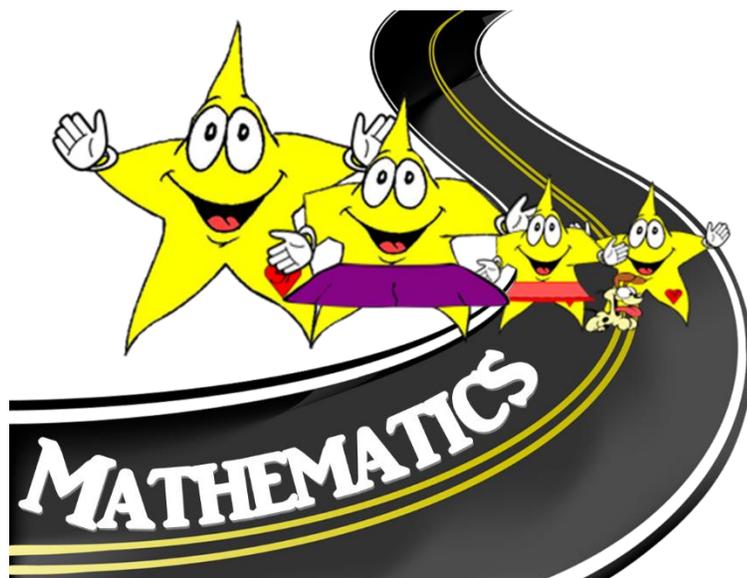
Chapter 3: Symmetry and Congruency  
Section 1: Symmetry  
Section 2: Congruency  
Section 3: Triangles

M711

Chapter 1: Basic Statistics  
Section 1: Mean, Median, Mode, and Range  
Section 2: Outliers and Central Tendency  
Chapter 2: Graphing Basic Statistics  
Section 1: Graphs of Central Tendency  
Section 2: Making Scatter Plots  
Section 3: Interpreting Scatter Plots  
Chapter 3: More Statistics  
Section 1: Quartiles  
Section 2: Box-And-Whisker Plots

M712

Chapter 1: Expressions and Graphing Lines  
Section 1: Expressions  
Section 2: Exponents  
Section 3: Graphing Lines by Generating Points  
Chapter 2: Planes and Intersections  
Section 1: Planes  
Section 2: Lines and Points in Planes  
Chapter 3: Spatial Relationships  
Section 1: Nets and Patterns



# 7th Grade SCIENCE



Seventh grade science students study scientific equipment, how to conduct an experiment, and how to be safe in the lab. They learn to classify the plant and animal kingdom and to identify life. Students learn cell structure and cell parts and the different jobs of cells. They study the human body and how it works including the skeletal system, the heart, the respiratory system, the nervous system, and the anatomy of the eye. Students study genetics, cloning, evolution, and the origin of life. Through topic and project research a sample project is created and presented. Students are encouraged to be inquisitive and analytical. A lifelong interest in science is built with field trips and real world experiences.

S701  
 Chapter 1: Introduction  
 Section 1: Observations and Inferences  
 Section 2: What is the Scientific Method?  
 Section 3: How to Conduct an Experiment  
 Section 4: Project Conclusion  
 Chapter 2: Safety  
 Section 1: How to Be Safe in the Lab  
 Section 2: The Metric System  
 Section 3: Prefix & Suffix List of Science  
 Chapter 3: Scientific Experiment  
 Section 1: Scientific Equipment

S702  
 Chapter 1: What is Life?  
 Section 1: Identifying Life  
 Section 2: Is It Alive?  
 Section 3: Fun Facts  
 Chapter 2: Classifying Life  
 Section 1: The History of Scientific Classification  
 Section 2: Pioneering the Way  
 Section 3: Organization  
 Section 4: Basic Taxonomy and the Five Kingdoms  
 Section 5: Grouping by Characteristics  
 Chapter 3: Classification

Section 1: Classifying the Plant Kingdom  
 Section 2: Classifying the Animal Kingdom  
 S703  
 Chapter 1: Cells: Building Blocks of Life  
 Section 1: The World of Cells  
 Section 2: Systems and Interactions  
 Section 3: Cell Structure and Cell Parts the Nucleus Cytoplasm and Organelles Cellular Respiration  
 Chapter 2: Cartilage Cells  
 Section 1: The Different Jobs of Cells  
 Section 2: Cell Specialization  
 Section 3: Things to Remember About Specialty Cells  
 Chapter 3: Microorganisms  
 Section 1: Viruses and Infection

S704  
 Chapter 1: The Skeletal System  
 Section 1: The Skull  
 Section 2: The Spinal Column  
 Section 3: The Chest Or Rib Cage  
 Section 4: The Arms and Legs  
 Section 5: The Joints  
 Chapter 2: The Skeletal System Continued  
 Section 1: The Composition of the Bones

Section 2: Growing Bones  
 Section 3: Can Levers Lessen Your Load?  
 Chapter 3: Muscle & Tissue  
 Section 1: Movement

S705  
 Chapter 1: Pulmonary Circulation  
 Section 1: The Respiratory System  
 Section 2: The Respiratory Jobs  
 Section 3: How Does It Work?  
 Chapter 2: Coronary Circulation  
 Section 1: Cardio Basics  
 Section 2: The Four Chambers  
 Chapter 3: Systemic Circulation  
 Section 1: Blood Facts  
 Section 2: Arteries  
 Section 3: Veins  
 Section 4: Capillaries

S706  
 Chapter 1: The Nervous System  
 Section 1: The Parts of the Nervous System  
 Section 2: The Central Nervous System  
 The Brain Left Brain/Right Brain The Spinal Cord Reflexes and the Reflex Arc  
 Chapter 2: The Peripheral Nervous System  
 Section 1: The Autonomic Reflex System

Section 2: The Somatic Nervous System

Chapter 3: Breaking It Down

Section 1: The Neuron

Section 2: Kinds of Nerves

S707

Chapter 1: Eyes

Section 1: Anatomy of the Eye

Section 2: How Do You See

Chapter 2: Ears

Section 1: Your Ears & Hearing

Section 2: What Are Sounds, Anyway?

Chapter 3: Skin

Section 1: The Skin

S708

Chapter 1: Asexual Reproduction

Chapter 2: Cloning

Section 1: Recombinant DNA

Technology Or DNA Cloning

Section 2: Reproductive Cloning

Section 3: Therapeutic Cloning

Chapter 3: Sexual Reproduction

S709

Chapter 1: How Do Organisms Get Their Traits

!

Chapter 2: Mendel's Peas

Section 1: It's Genetics...

Chapter 3: Mutations, Genes, Proteins & DNA

Section 1: Mutations

Section 2: Genes, Proteins & DNA

Section 3: How to Make Proteins

S710

Chapter 1: Evolution

Chapter 2: Intelligent Design

Chapter 3: Origins of Life

Section 1: Spontaneous Generation

Section 2: Joseph Lister

Section 3: Louis Pasteur

S711

Chapter 1: Scientific Method

Section 1: Research

Section 2: Problem

Section 3: Hypothesis

Section 4: Project Experimentation

Section 5: Project Conclusion

Section 6: Topic Research

Section 7: Keep a Journal

Section 8: Selecting a Topic

Section 9: Project Types: Three Basic Choices

Chapter 2: Project Research

Section 1: Primary Research

Section 2: Secondary Research

Section 3: a Sample Project

Section 4: Starting Your Project

Section 5: Procedure

Section 6: Results

Section 7: Explaining Your Results

Section 8: Hypothesis

Chapter 3: Project Report

Section 1: Title Page

Section 2: Table of Contents

Section 3: Abstract

Section 4: Introduction

Section 5: Experiment and Data

Section 6: Sources

Section 7: Acknowledgments

S712

Chapter 1: Scientific Notebook

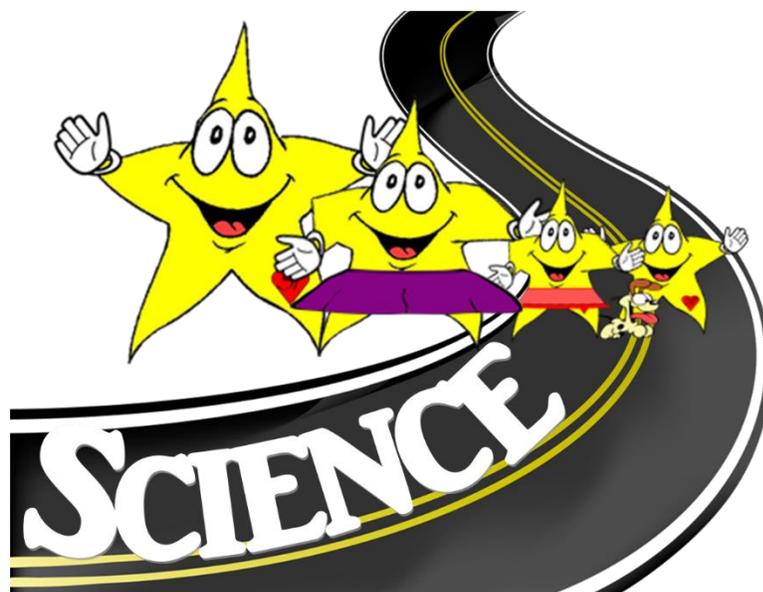
Section 1: Student Information Sheet and Calendar

Section 2: Student Information Sheet and Calendar

Section 3: What Do You Think! Answers

Section 4: Self Evaluation Rubric

Section 5: Lab Notes For Check It Out



# 7th Grade SOCIAL STUDIES



Seventh grade social studies students study the Roman Empire including its geographic borders, social woes, religion and philosophy, crisis in Roman leadership and military, and eastern orthodox civilization and church/state relations. They study China and Japan and the discoveries that changed their world. Seventh grade students study Mexico, Central America and the rise of the Mayan Empire. They study Christian Missionaries, Catholic and Protestant European Regions, and Jewish, Christian, and Muslim Science. Students create maps and write bibliographies and time lines to incorporate into reports outlining and evaluating what they learn.

## SS701

Chapter 1: Early Strengths and Lasting Contributions of Rome

Section 1: The Roman Republic

Section 2: Religion and Philosophy

Section 3: Geographic Borders At the Height of the Roman Empire

Chapter 2: The Disintegration of the Roman Empire

Section 1: Factors That Threatened Rome's Territory

Section 2: Social Woes:

Section 3: Crises in Roman Leadership and Military

Chapter 3: Development of the Byzantine Empire

Section 1: Constantine's Achievements and the New Capital of Constantinople

Section 2: Roman Catholicism and Church/State Relations

Section 3: Eastern Orthodox

Civilization and Church/State Relations

## SS702

Chapter 1: The Arabian Peninsula

Section 1: Physical Features of the Peninsula

Section 2: Tribal Society

Section 3: Nomadic and Sedentary Lifestyles On the Arabian Peninsula

Chapter 2: The Life and Teachings of Muhammad

Section 1: The Life of Muhammad

Section 2: The Teachings of Muhammad

Section 3: The Koran (Qur'an) and Sunnah

Chapter 3: Islamic Expansion and Civilization

Section 1: The Caliphs and Islamic Expansion

Section 2: The Umayyads and the Abbasids

Section 3: Cities, Commerce and Culture in Islam

## SS703

Chapter 1: The Tang Dynasty

Section 1: The Tang Dynasty and the Reunification of China

Section 2: Poetry in the Tang Dynasty: a High Point

Section 3: Religion in China: "the Three Ways"

Chapter 2: The Sung Dynasty and the Mongol Ascendancy

Section 1: The Sung Dynasty: a Time of Prosperity

Section 2: The Mongols: Conquer by Might

Chapter 3: The Ming Dynasty and the Imperial State

Section 1: The Imperial State and the Scholar Official Class

Section 2: Discoveries That Changed the World

## SS704

Chapter 1: The Ancient Kingdoms of Ghana and Mali

Section 1: The Niger River, the Sahel, the Sahara Desert and the Building Blocks of Trade

Section 2: Ghana

Section 3: Mali

Chapter 2: West African Culture: Family, Traditions, Labor and Commerce

Section 1: Village Life

Section 2: Regional Commerce and City Life

Section 3: Oral Tradition and the

Transmission of West African History

Chapter 3: Islam Comes to West Africa

Section 1: The Trans-Saharan Caravan Trade

Section 2: The Arabic Language in West Africa

Section 3: Muslim Merchants, Scholars and Kings

## SS705

Chapter 1: Medieval Japan and Her Neighbors

Section 1: The Geography of Japan

Section 2: Prince Shotoku and the Influence of China and Korea

Section 3: Japanese Family and Social Life in Nara, Japan

Chapter 2: The Lord-Vassal System

Section 1: The Values and Traditions of the Shogun, Daimyo, and Samurai

Section 2: Military Society and the Role of the Samurai

Section 3: The Enduring Influence of the Warrior Code  
Chapter 3: The Golden Age of Literature and the Propagation of Buddhism  
Section 1: Literature, Art and Drama in Japan’s Golden Age  
Section 2: The Tale of Genji  
Section 3: Japanese Buddhism

SS706

Chapter 1: Medieval Europe: Chapter One: Geography, Monarchy and Church  
Section 1: Geography  
Section 2: The Spread of Christianity  
Section 3 Monarchs and Popes  
Chapter 2: Catholicism, English Legal Practices and the Crusades  
Section 1: The Catholic Church As a Political and Intellectual Institution  
Section 2: Magna Carta, Parliament, and the Development of Habeas Corpus in England  
Section 3: The Holy Crusades  
Chapter 3: Feudalism, Plague, and the Reconquista  
Section 1: Feudalism  
Section 2: Plague, the Black Death  
Section 3: The Moors, Christians and the Reconquista

SS707

Chapter 1: Medieval History—Writing a Report  
Section 1: Choosing a Topic  
Section 2: Finding Sources of Information  
Section 3: Reading Your Sources and Taking Notes  
Section 4: Organizing Your Ideas and Writing Your Outline  
Section 5: Writing the Rough Draft  
Section 6: Drawing a Map  
Section 7: Creating a Time Line  
Section 8: Writing a Bibliography  
Section 9: Editing the Rough Draft  
Section 10: Writing the Final Copy

Section 11: Medieval History Report Scoring  
Section 12: Bibliography Examples

SS708

Chapter 1: The Geography of Mexico, Central America and South America and the Rise of the Mayan, Aztec, and Incan Empires  
Section 1: The Geography of Mexico and the Rise of the Aztec Empire  
Section 2: The Geography of Southern Mexico and Central America and the Rise of the Mayan Empire  
Chapter 2: Artistic, Mathematic and Architectural Achievements in Aztec, Mayan and Incan Civilizations  
Section 1: Artistic Achievements  
Section 2: Mathematical Achievements  
Section 3: Architectural Achievements, Mayan Architecture  
Chapter 3: Aztec, Mayan and Incan Society  
Section 1: Roles in Society and Family Life  
Section 2: Religion and Warfare

SS709

Chapter 1: The Classical Revival, the Arts and Humanism  
Section 1: The Revival of Classical Learning and the Arts  
Section 2: Humanism  
Chapter 2: Commerce, Trade and the Spread of Renaissance Ideas  
Section 1: The Early Renaissance and Florence  
Section 2: The Growth of Independent Trading Cities  
Section 3: The Silk Road  
Chapter 3: Renaissance Advances  
Section 1: Literature, the Arts, Science, Mathematics  
Section 2: Cartography, Engineering, Human Anatomy  
Section 3: Dante, Leonardo Davinci, Michelangelo, Shakespeare

SS710

Chapter 1: Reformers and the Catholic Church  
Section 1: Internal Weakening and Turmoil in the Catholic Church  
Section 2: Major Figures of the Reformation  
Section 3: Church Self Government Among Protestants  
Chapter 2: The Counter Reformation  
Section 1: European Regions: Catholic and Protestant  
Section 2: The Revitalization of the Catholic Church  
Section 3: The Council of Trent  
Chapter 3: The Diffusion of Christianity  
Section 1: Christian Missionaries  
Section 2: The Golden Age of Cooperation –Jews and Muslim  
Section 3: Religious Persecution

SS711

Chapter 1: Roots of the Scientific Revolution  
Section 1: Greek Rationalism  
Section 2: Jewish, Christian, and Muslim Science  
Section 3: Renaissance Humanism, Knowledge From Global Exploration  
Chapter 2: New Scientific Theories and Inventions  
Section 1: The Theories of Copernicus and Galileo  
Section 2: The Theories of Kepler and Newton  
Section 3: New Inventions  
Chapter 3: Scientific Rationalism and Religious Beliefs  
Section 1: The Scientific Method  
Section 2: Influence of the New Scientific Rationalism  
Section 3: Science and Religion

SS712

Chapter 1: Discovery  
Section 1: Great Voyages

Section 2: The Influence of  
Cartography On a New European  
World View

Section 3: Exchanges of Culture,  
Technology, and Ideas Between  
Europe, Africa, Asia, and America

Chapter 2: The Origins of Modern  
Capitalism

Section 1: Mercantilism and Cottage  
Industry

Section 2: The Market Economy of  
17th Century Europe

Section 3: International Trading

Chapter 3: The Enlightenment

Section 1: Origins of the Main Ideas of  
the Enlightenment

Section 2: Enlightenment Thinkers and  
Their Influence On Democracy

Section 3: The Principals of the Magna  
Carta



# 8th Grade LANGUAGE ARTS



Eighth grade students continue to improve their ability to use proper sentence structure and the proper use of action verbs, state of being verbs, linking verbs, and verb tenses. Grammar, spelling, and work presentation skills are also part of eighth grade studies. The students read and study ballads, lyrics, epics, elegies, odes, and sonnets. They learn how to prepare friendly and business letters. Eighth grade students learn the meaning of consumer documents and problem solving with consumer materials. Students learn to prepare, practice, and present speeches using visual aids. They learn beginning persuasive writing, arguments and counterarguments, and write a persuasive composition.

E801	Section 3: Digging For Meaning	E806
Chapter 1: Spelling and Writing	Chapter 2: Capitalization and Punctuation	Literature
Section 1: Spelling List	Section 1: Capitalization Rules	E807
Section 2: Spelling Concepts	Section 2: Commas	Chapter 1: Spelling and Writing
Section 3: Digging For Meaning	Section 3: Colons and Semicolons	Section 1: Spelling List
Chapter 2: The Sentence	Section 4: Apostrophes	Section 2: Spelling Concepts
Section 1: Parts of Speech	Section 5: Underlining	Section 3: Digging For Meaning
Section 2: Sentence Classification	Section 6: Quotation Marks	Chapter 2: Technical Directions
Section 3: Subjects and Predicate	Section 7: Parentheses, Dashes, and Hyphens	Section 1: Reading Technical Directions
Section 4: Complements	Chapter 3: Paragraphs and Summaries	Section 2: Writing Technical Directions
Section 5: Fragments and Run-On Sentences	Section 1: Paragraphs	Chapter 3: Researching the Topic
Section 6: Phrases and Clauses	Section 2: Writing Summaries	Section 1: Consumer Documents Meanings
Section 7: Sentence Structure	E804	Section 2: Problem Solving with Consumer Materials
Chapter 3: Verbs	Literature	E808
Section 1: Action Verbs	E805	Literature
Section 2: State of Being and Linking Verbs	Chapter 1: Spelling and Writing	E809
Section 3: Helping Verbs and Verb Phrases	Section 1: Spelling List	Chapter 1: Research Project
Section 4: Verbals	Section 2: Spelling Concepts	Section 1: Beginning the Research Project
Section 5: Principal Parts	Section 3: Digging For Meaning	Section 2: Learning to Outline
Section 6: Verb Tenses	Chapter 2: Writing Letters	Section 3: Making an Outline
E802	Section 1: Friendly Letters	Section 4: Research
Literature	Section 2: Business Letters	Chapter 2: Writing the Paper
E803	Chapter 3: Poetry Forms	Section 1: Making Your Writing Interesting
Chapter 1: Spelling and Writing	Section 1: The Pieces of Poetry	
Section 1: Spelling List	Section 2: Ballads and Lyrics	
Section 2: Spelling Concepts	Section 3: Epics and Elegies	
	Section 4: Odes and Sonnets	

Section 2: Writing the Rough Draft  
Section 3: Revising and Rewriting  
Chapter 3: The Oral Report  
Section 1: Getting Organized  
Section 2: Preparing to Deliver  
Section 3: Practicing

Section 4: Using Visual Aids  
Section 5: Presenting the Speech

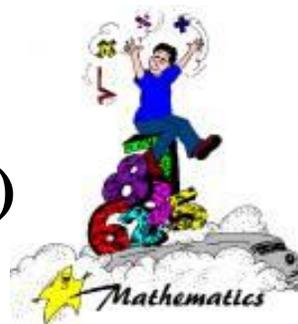
E810  
Chapter 1: Writing a Narrative  
Section 1: Point of View, Characters,  
and Strategies  
Section 2: Plot  
Section 3: Writing a Narrative  
Chapter 2: Narrative Presentation  
Section 1: Getting Organized  
Section 2: Preparing to Deliver  
Section 3: Practicing  
Section 4: Visual Aids  
Section 5: Presenting the Speech  
Chapter 3: Persuasive Compositions  
Section 1: Beginning Persuasive  
Writing  
Section 2: Arguments and  
Counterarguments  
Section 3: Writing Persuasive  
Composition  
Section 4: Revising and Rewriting  
Chapter 4: Persuasive Presentation  
Section 1: Getting Organized  
Section 2: Preparing to Deliver  
Section 3: Practicing  
Section 4: Visual Aids  
Section 5: Presenting the Speech

E811  
Literature

E812  
Literature



# 8th grade MATHEATICS (Algebra)



Eighth grade students continue the study of algebraic concepts. They study the properties and operations of real numbers, adding positive and negative numbers, and adding decimals and percentages. Students study mathematical operations of fractions, linear equations, exponents, absolute value, and scientific notation. They solve addition, subtraction, multiplication and division equations as well as solving two step equations and equations involving parenthesis. Students learn to solve equations and rate problems with variables on both sides. They learn to solve inequalities, compound inequalities and inequalities with absolute value. Eighth grade students study the Cartesian coordinate system, verifying solutions, slope, graphing lines, and writing equations of lines in slope intercept form and transforming to standard form. Students study exponents, square roots, polynomials, and quadratic equations. They learn simplifying rational expressions and solving rational equations as well as adding, subtracting, multiplying and dividing radicals. Note: this course can be used to meet the requirements for High School Algebra.

M801	Section 2: More Properties of Numbers	M804
Chapter 1: Numbers and Sets	Chapter 3: Scientific Notation, Exponents, and Absolute Value	Chapter 1: Linear Inequalities with One Variable
Section 1: Numbers	Section 1: Scientific Notation	Section 1: Reading and Interpreting Inequality Signs
Section 2: Sets	Section 2: Exponents	Section 2: Solving Inequalities Using Addition and Subtraction
Section 3: Venn Diagrams	Section 3: Mathematical Operations with Exponents	Section 3: Solving Inequalities Using Multiplication and Division
Chapter 2: Properties and Operations of Real Numbers	Section 4: Scientific Notation	Section 4: Solving Two-Step Inequalities
Section 1: Important Symbols	Section 5: Scientific Notation	Chapter 2: More Work with Equations and Inequalities
Section 2: Properties of Real Numbers	Section 6: Absolute Value	Section 1: Solving Equations Involving Absolute Value
Section 3: Operations of Real Numbers	M803	Section 2: Compound Inequalities
Chapter 3: Mathematical Operations and Order of Operations	Chapter 1: Equations	Section 3: Solving Inequalities with Absolute Value
Section 1: Subtraction	Section 1: Solving Equations Using Addition and Subtraction	Chapter 3: Problem Solving
Section 2: Multiplication	Section 2: Solving Equations Using Multiplication and Division	Section 1: Problems Involving Inequalities
Section 3: Division	Section 3: Problem Solving	Section 2: Mixture Problems
M802	Chapter 2: More Equations	M805
Chapter 1: Fractions and Questions of Multiple Operations	Section 1: Solving Two-Step Equations	Chapter 1: Linear Equations with Two Variables
Section 1: Fractions	Section 2: Solving Equations Involving Parentheses	
Section 2: Mathematical Operations of Fractions	Section 3: More Problem Solving	
Section 3: Questions of Multiple Operations	Chapter 3: Still More Equations	
Chapter 2: Solving Linear Equations	Section 1: Solving Equations with Variables On Both Sides	
Section 1: Linear Equations	Section 2: Solving Rate Problems with Variables On Both Sides	

Section 1: The Cartesian Coordinate System

Section 2: Verifying Solutions, Slope, and Graphing Lines

Chapter 2: Graphing Lines

Section 1: Graphing Lines by Generating Points

Section 2: Graphing Lines Using Slope and Y-Intercept

Chapter 3: Writing Equations of Lines

Section 1: Writing Equations of Lines in Slope-Intercept Form and

Transforming to

Standard Form

M806

Chapter 1: Writing Equations of Lines

Section 1: Slope-Intercept Form

Section 2: Point-Slope Form

Section 3: Slope Formula

Section 4: Writing Linear Equations From Two Points

Chapter 2: Special Cases

Section 1: Horizontal and Vertical Lines

Section 2: Parallel and Perpendicular Lines

Chapter 3: Relations and Functions

Section 1: Relations

Section 2: Functions

M807

Chapter 1: Systems of Equations

Section 1: Solving Systems of Equations by Graphing

Section 2: Solving Systems of Equations by Substitution

Section 3: Solving Systems of Equations by Elimination

Chapter 2: Systems of Inequalities

Section 1: Graphing Linear Inequalities with Two Variables

Section 2: Solving Systems of Inequalities

Chapter 3: Problem Solving

Section 1: Solving Problems

Using Two Variables

M808

Chapter 1: Exponents

Section 1: The Multiplication Property of Exponents

Section 2: The Power Properties of Exponents

Section 3: The Division Properties of Exponents

Chapter 2: Fractional Exponents

Section 1: Square Roots

Chapter 3: Applications

Section 1: Scientific Notation

M809

Chapter 1: Operations with Polynomials

Section 1: Adding and Subtracting Polynomials

Section 2: Multiplying Polynomials

Section 3: Dividing Polynomials

Chapter 2: Factoring Polynomials

Section 1: Greatest Common Factor

Section 2: Factoring Polynomials

Section 3: Factoring "Special Case" Polynomials

Chapter 3: Solving Polynomial Equations

Section 1: Solving Polynomial Equations by Factoring

M810

Chapter 1: Quadratic Equations

Section 1: Graphing Quadratic Equations

Section 2: Solving Quadratic Equations by Graphing

Chapter 2: Solving Quadratic Equations

Section 1: Solving Quadratic Equations by Completing the Square

Section 2: The Quadratic Formula

Chapter 3: Applications

Section 1: The Discriminant

Section 2: Problem Solving

M811

Chapter 1: Rational Expressions

Section 1: Simplifying Rational Expressions

Section 2: Multiplying and Dividing Rational Expressions

Section 3: Adding and Subtracting Rational Expressions

Chapter 2: Rational Equations

Section 1: Solving Rational Equations

Section 2: Working with Formulas

Chapter 3: Applications of Rational Equations

Section 1: Work Problems

Section 2: More Rate Problems

M812

Chapter 1: Operations with Radicals

Section 1: Adding and Subtracting Radicals

Section 2: Multiplying Radicals

Section 3: Dividing Radicals

Chapter 2: Applications of Radicals

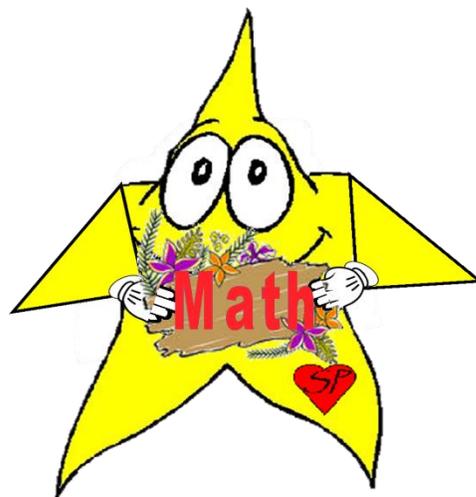
Section 1: Solving Radical Equations

Section 2: The Pythagorean Theorem

Section 3: The Distance Formula

Chapter 3: Preparation for Geometry

Section 1: Inductive and Deductive Reasoning



# 8th Grade SCIENCE (Physical Science)



Eighth grades students study living organisms and their response to the environment. They study the population growth, symbiosis, food chains, and ecological succession. Students learn to read a weather map and study weather instruments, fronts and masses, hurricanes, tornadoes, lightening, and clouds. The students study cell biology and genetics. The curriculum includes hands on laboratory experiences, research projects, textbook information acquisition and note taking techniques. Eighth grade students learn about stars and galaxies, planets, comets, meteors and asteroids. They study speed, velocity, acceleration, and gravity. Through experiments they evaluate chemical reactions. Students study air, water, and chemical pollution as well as fossil fuels, solar energy, and energy conservation. They study electric currents, fields, and circuits as well as magnetic fields and electromagnetism.

S801	Section 2: The Nitrogen and Phosphorus Cycles	Section 4: Chemical Bonding
Chapter 1:	Section 3: Ecological Succession	Chapter 2:
Section 1: The Wonder of Science: From Atoms to Galaxies	Chapter 3: Biomes	Section 1: Water and Organic Molecules
Section 2: Science is Made of Facts and a Process	Section 1: Land Biomes I	Section 2: Organic Molecules
Section 3: The Branches of Science	Section 2: Land Biomes II	Section 3: Chemical Bonds Store Energy
Chapter 2:	Section 3: Water Biomes	Section 4: Monosaccharides
Section 1: Living Organisms	S803	Chapter 3:
Section 2: Response to Environment	Chapter 1: Elements	Section 1: Disaccharides
Section 3: Life Substances	Section 1: The Sun	Section 2: Lipids and Fatty Acids
Section 4: Energy	Section 2: The Wind	Section 3: Proteins
Chapter 3:	Section 3: Clouds	Section 4: Nucleic Acids
Section 1: The Scientific Method	Section 4: Water	
Section 2: Methods of Life Science	Chapter 2: Storms	S805
Section 3: Scientific Problem Solving	Section 1: Hurricanes	Chapter 1: The Moon and the Sun
Section 4: Experiments and Theory	Section 2: Tornadoes	Section 1: Astronomy Background
	Section 3: Lightning	Section 2: The Sun
S802	Chapter 3: Measuring the Weather	Section 3: The Moon
Chapter 1: Communities in Ecology	Section 1: Weather Instruments	Chapter 2: Introduction to the Earth
Section 1: Definitions	Section 2: Fronts and Masses	Section 1: The Earth's Interior
Section 2: Population Growth	Section 3: Reading Weather Maps	Section 2: Plate Tectonics
Section 3: Symbiosis	S804	Section 3: The Earth's Atmosphere
Section 4: Food Chains	Chapter 1:	Chapter 3: The Solar System
Chapter 2: Ecosystems	Section 1: Atoms and Molecules	Section 1: The Inner Planets
Section 1: The Water, Oxygen, and Carbon Cycles	Section 2: Isotopes	Section 2: The Giant Planets
	Section 3: Electrons and Energy	Section 3: The Outer Planets

Section 4: Comets, Meteors, and Asteroids

S806

Chapter 1: Stars

Section 1: Distances

Section 2: Spectral Classifications

Section 3: The Life of a Star

Section 4: The Death of a Star

Chapter 2: Galaxies

Section 1: Kinds of Galaxies

Section 2: Structure of Galaxies

Section 3: The Big Bang Theory

Chapter 3: Wonders in Space

Section 1: Neutron Stars and Pulsars

Section 2: Black Holes

Section 3: Binary Stars

S807

Chapter 1: Motion

Section 1: Speed

Section 2: Velocity

Section 3: Acceleration

Section 4: Gravity

Chapter 2: Forces

Section 1: Newton's First Law of Motion

Section 2: Newton's Second Law of Motion

Section 3: Kinds of Forces

Chapter 3: Chemical Reactions

Section 1: Balancing Chemical Equations

Section 2: Types of Reactions

Section 3: Rate of Reactions

Section 4: Heat From Reactions

S808

Chapter 1: Properties of the Elements

Section 1: The Periodic Table of Elements

Section 2: The Metals

Section 3: Non-Metals

Section 4: Compounds

Chapter 2: Math in Science

Section 1: Graphing Linear Functions

Section 2: Slope

Chapter 3: Density and Buoyancy

Section 1: Density

Section 2: Buoyancy

Lab 2: Density and Buoyancy

S809

Chapter 1: Resources

Section 1: Human Population Growth

Section 2: Food Supply

Section 3: Deforestation and Mineral Resources

Section 4: Species Diversity

Chapter 2: Pollution

Section 1: Air Pollution

Section 2: Water Pollution

Section 3: Chemical Pollution

Section 4: Nuclear Radiation

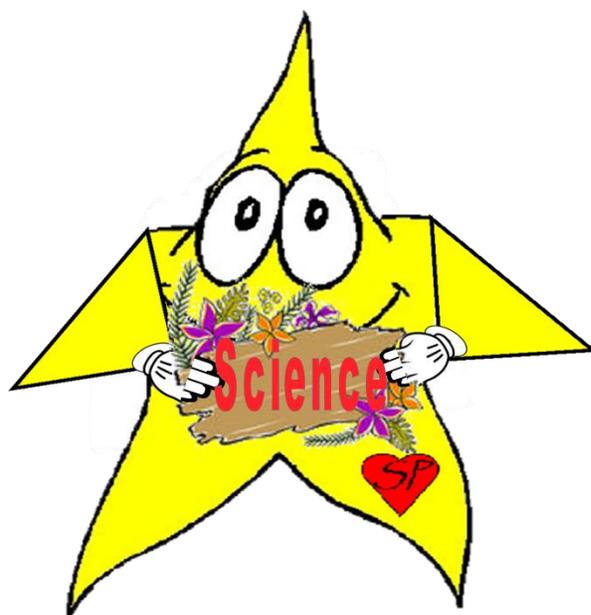
Chapter 3: Energy

Section 1: Fossil Fuels

Section 2: Solar Energy

Section 3: Earth, Water, and Wind Energy

Section 4: Energy Conservation



S810

Chapter 1: The Digestive System

Section 1: Food Basics

Section 2: The Digestive System

Section 3: Nutrition and Disease

Chapter 2: The Nervous System

Section 1: Neurons

Section 2: Parts of the Brain

Section 3: Parts of the Nervous System

Section 4: Drugs

Chapter 3: The Circulatory System

Section 1: The Heart

Section 2: Arteries and Veins

Section 3: The Blood

S811

Chapter 1: Phases of Matter

Section 1: Gases

Section 2: Liquids

Section 3: Solids

Chapter 2:

Section 1: Cells

Section 2: Cell Specialization

Section 3: Cell Parts - A

Section 4: Cell Part - B

Section 5: Cell Parts - C

Chapter 3:

Section 1: Mitosis and Meiosis

Section 2: Photosynthesis Vs. Respiration

Section 3: Cell Membrane and Transport

S812

Chapter 1: Work and Energy

Section 1: Work

Section 2: Energy

Section 3: Power

Chapter 2: Electricity

Section 1: Static Electricity

Section 2: Electric Fields

Section 3: Electric Currents

Section 4: Electric Circuits

Chapter 3: Magnetism

Section 1: Magnetic Fields

Section 2: Electromagnetism Lab 1: Chemical Reactions

# 8th Grade SOCIAL STUDIES



Eighth grade students study The Constitution, The Bill of Rights, requirements for citizenship, using the ballot, and political parties. They learn about city, state, and federal government. Students study early presidents, George Washington, John Adams, Thomas Jefferson, and James Madison. They study the War of 1812, the Mexican American War 1845, and the last Indian wars. Eighth grade students learn about the origins of slavery, the lives of black Americans who gained freedom, the characteristics of white southern society, and women's suffrage movements. Students do presentations, develop magazines, and use the internet in learning to appreciate and understand the development of America, its history, and its culture.

## SS801

Chapter 1: The Basis of the American Republic  
 Section 1: The Bulwark  
 Section 2: The Republic  
 Chapter 2: The Constitution  
 Section 1: a Constitution is Drafted and Ratified  
 Section 2: The Constitution: Source of Government Authority  
 Section 3: The Principles of Government  
 Section 4: Provisions For Amendment  
 Chapter 3: The Bill of Rights  
 Section 1: The Responsibilities of Citizenship  
 Section 2: Requirements For Citizenship  
 Section 3: Using the Ballot

## SS802

Chapter 1:  
 Section 1: Political Parties  
 Section 2: The Federal Government  
 Section 3: Organization of the Legislative Branch of the Federal Government  
 Chapter 2:  
 Section 1: Powers of the Legislative Branch  
 Section 2: Officers and Leaders of the Congress

Section 3: The Lawmaking Process  
 Section 4: Congressional Powers of Investigation  
 Section 5: The Great Compromise  
 Section 6: The Constitution and Slavery  
 Section 7: The Constitution and Women  
 Chapter 3:  
 Section 1: The Presidency  
 Section 2: The Presidential Powers  
 Section 3: The President

## SS803

Chapter 1: The Executive Departments of the Government  
 Section 1: Heads of the Executive Departments  
 Section 2: The Department of State  
 Section 3: The Department of Treasury  
 Section 4: The Department of Defense  
 Section 5: The Department of Justice  
 Section 6: The Post Office Department  
 Section 7: The Department of Interior  
 Section 8: The Department of Agriculture  
 Section 9: The Department of Commerce  
 Section 10: The Department of Labor  
 Section 11: The Independent Agencies  
 Chapter 2: The State Government  
 Section 1: Services Performed by State Governments  
 Section 2: The State and Public Health

Section 3: The State and Education  
 Section 4: The State Protects Lives and Property  
 Section 5: The State and Motor Transport  
 Section 6: The State Aids the Needy  
 Section 7: The State Conserves Its Natural Resources  
 Section 8: The State Protects and Regulates Business  
 Section 9: The State Regulates Living and Working Conditions  
 Section 10: The Organization of State Governments  
 Section 11: Electing the State Legislatures  
 Section 12: The Executive Branch of the State Government  
 Section 13: Executive Officers  
 Section 14: The Judiciary Branch  
 Section 15: The Function of the State Courts  
 Section 16: Court Procedures and Juries  
 Chapter 3: The City Government  
 Section 1: The Purpose of City Government  
 Section 2: Health and Sanitation  
 Section 3: The City Highway Department  
 Section 4: The Police Department  
 Section 5: The City Guards Against Fire

Section 6: The City Provides For Education	Section 2: Thomas Jefferson's Inaugural Address 1801	Section 12: American Art
Section 7: The City Cares For the Sick and Needy	SS805	Section 13: Transcendentalism
Section 8: The City Plans For the Future	Chapter 1: The War of 1812	Section 14: Individualism
Section 9: The City Provides Recreation	Section 1: The Cause	Section 15: Writings
Section 10: Concern Over Public Utilities	Section 2: The American Reaction	Chapter 2: The Southern Path (Early 1800's to Mid-1800's)
Section 11: The Organization of the City Government	Section 3: The Political Pressure	Section 1: Industry
Section 12: The Mayor Council Form	Section 4: a Timeline For the War of 1812	Section 2: Importance of Cotton
Section 13: The Commission Form	Section 5: War at Sea	Section 3: Importance of the Cotton Gin
Section 14: The City Manager Form	Section 6: Land Campaign of 1812	Section 4: Origin of Slavery
Section 15: The City Courts	Section 7: The Major Battles	Section 5: Politics
Section 16: The City's Lawmaking Powers	Section 8: Treaty of Ghent	Section 6: Social
Section 17: Other Local Governments	Chapter 2: Why Are Boundaries So Important?	Section 7: Religion
Section 18: Prosecuting Attorneys and Sheriff Coroners	Section 1: Expansion	Section 8: Economics
Section 19: County Treasurers- Auditors- Assessors	Section 2: The Monroe Doctrine	Section 9: Culture
Section 20: The County Manager Plan	Section 3: Manifest Destiny	Section 10: Preserving Slavery
Section 21: Township and Village Governments	Section 4: The Mexican American War 1845	Section 11: Nat Turner, and Denmark Vesey
Section 22: Our Nation	Section 5: Consequences	Section 12: Characteristics of White Southern Society
SS804	Section 6: Interesting Facts, Things You May Not Know	Section 13: Lives of and Opportunities of Free Blacks
Chapter 1: The New Nation (1789-1817)	Chapter 3: The Native American Treaties	SS807
Section 1: Vocabulary Words	Section 1: Treaties	Chapter 1: Divergent Paths of the American People
Section 2: The Presidents	SS806	Section 1: Andrew Jackson
Section 3: George Washington- (1789-1796)	Chapter 1: The Northern Path (Early 1800's to Mid-1800's)	Section 2: Election
Section 4: John Adams- (1797-1801)	Section 1: Growth of Cities	Section 3: Jacksonian Democracy
Section 5: Thomas Jefferson (1801-1809)	Section 2: Deforestation	Section 4: Actions As President
Section 6: James Madison (1808-1816)	Section 3: Farming	Section 5: Role of Pioneer Women and the New Status Achieved
Chapter 2: A Nation's Foundation	Section 4: Mineral Extraction	Chapter 2: Texas War For Independence and the Mexican-American War
Section 1: The Great Speeches	Section 5: Obstacles and Economic/Political Factors	Section 1: Mexican Settlements
Section 2: Thomas Jefferson's Speech- 1801	Section 6: Reasons For Rise in Immigration From Northern Europe to the United States	Section 2: Locations
Section 3: Capitalism	Section 7: Number and Size	Section 3: Cultural Traditions
Addendum	Section 8: Spatial Arrangements in the Cities	Section 4: Land Grant System
Chapter 3:	Section 9: The Great Irish Potato Famine	Section 5: Economies
Section 1: George Washington's Farwell Address (1796)	Section 10: Lives of Black Americans Who Gained Freedom	Section 6: Great Rivers and Struggle Over Water Right
	Section 11: Women's Suffrage Movements	Section 7: Attitudes Towards Slavery
		Section 8: Texas War For Independence
		Section 9: Mexican-American War
		Section 10: Aftermath of the War

SS808

Chapter 1: Early Attempts to Abolish Slavery

Section 1: Leaders in the Movement

Section 2: John Q. Adams

Section 3: Proposed Constitutional Amendment

Section 4: John Brown

Section 5: Armed Resistance

Section 6: Benjamin Franklin

Section 7: Theodore Weld

Section 8: Abolition in State

Constitutions

Section 9: Importance of Northwest Ordinance of Education

Chapter 2: The End of Slavery

Section 1: Missouri Compromise

Section 2: States North of Ohio River

Section 3: Wilmot Proviso (1846)

Section 4: Compromise of 1850

Section 5: California Joins the Union

Section 6: Free State Under the Compromise of 1850

Section 7: Kansas-Nebraska Act (1854)

Section 8: The Dred Scott V. Sanford Decision (1857)

Section 9: The Lincoln Douglass Debates

SS809

Chapter 1: Pre-Civil War Causes State and Federal Authority

Section 2: Daniel Webster (1782-1852)

Section 3: John Calhoun (1782-1850)

Section 4: Two Different Doctrines

Section 5: Nullification

Section 6: Secession

Section 7: Abraham Lincoln-1809-1865

Section 8: Presidency

Section 9: Writings/Speeches

Section 10: What is the Emancipation Proclamation?

Chapter 2: Civil War and Key Points

Section 1: Leaders of the War

Section 2: Ulysses S. Grant (1822-

Section 3: Jefferson Davis (1808-1889)

Section 4: Robert E. Lee-1807-1870

Section 5: Soldiers On Both Sides

Section 6: Boy Soldiers

Section 7: Black Regiments

Section 8: Critical Developments and Events in the War

Section 9: Major Battles

Section 10: Technological Advances

Section 11: General Lee's Surrender At Appomattox

Section 12: a Tragic Ending

Section 13: Effects of War

Section 14: Civilians

Section 15: Physical Environment

Section 16: Future Warfare

SS810

Chapter 1: Aims of Reconstruction

Section 1: Political and Social Structures

Section 2: Different Regions

Section 3: Push and Pull Factors

Section 4: Judgment

Section 5: Former Slaves

Section 6: Freedman's Bureau

Section 7: Restrictions

Section 8: Opportunities of Freedmen

Section 9: Racial Segregation

Section 10: Jim Crow Laws

Chapter 2: Different Reconstruction

Section 1: Thirteenth Amendment

Section 2: Fourteenth Amendment

Section 3: Fifteenth Amendment

Section 4: Rise of the Ku Klux Klan

Section 5: Inventors and Their

Inventions

Section 6:

Thomas Edison

Section 7: Alexander Graham Bell

Section 8: Orville and Wilbur

Wright

Section 9:

Section 10:

Section 11:

SS811

Chapter 1:

Section 1: People Who Made a

Difference in This Country

Andrew Carnegie (1835-1919)

Section 2:

Section 3:

Section 4:

Section 5:

Section 6:

Section 7:

Section 8:

Section 9:

Section 10:

Section 11:

Section 12:

John D. Rockefeller (1839-1937) Leland Stanford (1824-1893)

Section 2: States and Federal Government Business Expansion

Tariffs Banking

Land Grants Subsidies

Chapter 2:

Section 1: Agricultural and Industrial Development

Section 2: Location and Effects of Urbanization

Section 3: Renewed Immigration, New Sources of Large-Scale Immigration, the

Contributions of Immigrants to the Building of Cities and the Economy Were Irreplaceable.

Chapter 3:

Section 1: Industrialization and Its Effects On Cities, Wealth and Economic Opportunity, the Conservation Movement.

Section 2: Child Labor, Working Conditions, the Labor Movement, Samuel Gompers, Demand For

Collective Bargaining, and Its Strikes and Protests Over Labor Conditions.

Section 3: The New Wave of Nativism.

Section 4: The Characteristics and Impact of Grangerism and Populism.

SS812

Chapter 1: Writing a Report

Section 1: Choosing a Topic

Section 2: Finding Sources of Information

Section 3: Reading Your Sources and Taking Notes

Section 4: Organizing Your Ideas and Writing Your Outline

Section 5: Writing the Rough Draft

Section 6: Drawing a Map

Section 7: Creating a Time Line

Section 8: Writing a Bibliography

Section 9: Editing the Rough Draft

Section 10: Writing the Final Copy

Section 11: United States History

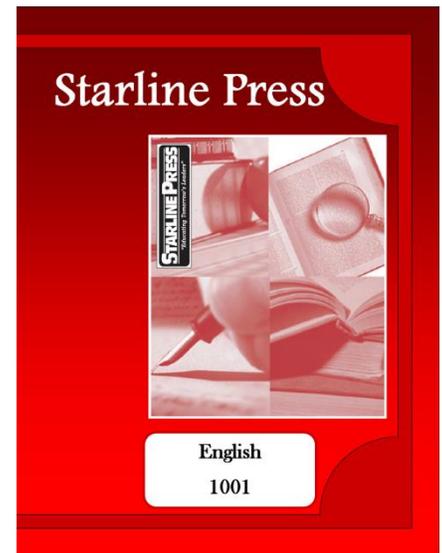
Report Scoring

Section 12: Bibliography Examples



# 9th Grade LANGUAGE ARTS

Ninth grade students study sentence types, sentence problems, sentence interruptions, sentence divisions, and sentence ends. They study newspapers, the internet, and persuasion pieces. Students learn about imagery, symbolism, irony, ambiguity, conflict, and subtlety. They study using rhetoric, the structure of an argument, writing descriptions, writing about people, places, and events, creating a timeline, gathering facts, and making it personal. Ninth grade students continue to learn the proper usage of the types of nouns, verb tenses, forms of adjectives, problems with pronouns, functions of adverbs, and rules with prepositions.



E901  
Chapter 1: Sentences  
Section 1: Subjects and Predicates  
Section 2: Sentence Types  
Section 3: Complements  
Section 4: Sentence Problems  
Chapter 2: Phrases and Clauses  
Section 1: Adjective Clauses  
Section 2: Adverb Clauses  
Section 3: Verb Phrases and Prepositional Phrases  
Section 4: Verbal Phrases and Appositive Phrases  
Chapter 3: Punctuation  
Section 1: Sentence Ends  
Section 2: Sentence Divisions  
Section 3: Sentence Interruptions  
Section 4: Other Punctuation  
E902  
Literature  
E903  
Chapter 1: Public Documents  
Section 1: Newspapers  
Section 2: Persuasion Pieces  
Section 3: The Internet  
Chapter 2: Literary Devices  
Section 1: Figurative Language  
Section 2: Imagery

Section 3: Symbolism  
Section 4: Allegory  
Chapter 3: Elements of Fiction  
Section 1: Irony  
Section 2: Ambiguity  
Section 3: Conflict  
Section 4: Subtlety  
E904  
Literature  
E905  
Chapter 1: Research  
Section 1: Exposition and Persuasion  
Section 2: Narrowing the Topic  
Section 3: Choosing a Thesis  
Section 4: Outline and First Draft  
Chapter 2: Reasoning and Rhetoric  
Section 1: Structure of an Argument  
Section 2: Logical Fallacies  
Section 3: Using Rhetoric  
Section 4: Considering the Audience  
Chapter 3: Revising  
Section 1: Rewriting Paragraphs  
Section 2: Revision Checklist  
Section 3: Acknowledging Sources  
Section 4: Format and Bibliography  
E906  
Literature  
E907

Chapter 1: Narration  
Section 1: Writing Descriptions  
Section 2: Writing About People  
Section 3: Writing About Places  
Section 4: Writing About Events  
Chapter 2: Biographies  
Section 1: Creating a Timeline  
Section 2: Gathering Facts  
Section 3: Making It Personal  
Section 4: Fictionalizing Biography  
Chapter 3: Business Documents  
Section 1: Writing Business Letters  
Section 2: Memoranda  
Section 3: Policies and Manuals  
E908  
Literature  
E909  
Chapter 1: Nouns  
Section 1: Types of Nouns  
Section 2: Functions of Nouns  
Section 3: Plural Nouns  
Section 4: Possessive Nouns  
Chapter 2: Verbs  
Section 1: Linking and Helping Verbs  
Section 2: Verb Tenses  
Section 3: Irregular Verbs  
Section 4: Progressive Verbs  
Section 5: Subject and Verb Agreement

Chapter 3: Adjectives

Section 1: Forms of Adjectives

Section 2: Some Qualities of Adjectives

Section 3: Making Comparisons

Section 4: Suffixes

E910

Chapter 1: Pronouns

Section 1: Types of Pronouns

Section 2: Finding the Case

Section 3: Creating Pronoun

Agreement

Section 4: Problems with Pronouns

Chapter 2: Adverbs

Section 1: Functions of Adverbs

Section 2: Kinds of Adverbs

Section 3: Making Comparisons

Section 4: Special Points with Adverbs

Chapter 3: Other Parts of Speech

Section 1: Conjunctions

Section 2: Prepositions

Section 3: Some Rules with

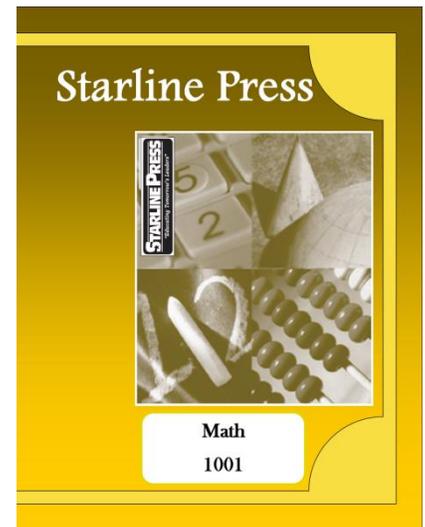
Prepositions

Section 4: Interjections



# 9th Grade MATHEMATICS (Geometry)

Ninth grade students learn points and lines, line segments, rays, planes, and lines and points in planes. They study definitions of angles and degrees and measuring the size of angles. They learn to classify angles by size and relation and how to bisect an angle. Students study parallelograms, properties of a trapezoid, ratio and proportions, and the Pythagorean Theorem. Ninth grade students know derive and solve problems involving the perimeter, circumference, area, volume, lateral area, and surface area of common geometric figures. Students know the definitions of basic trigonometric functions defined by the angles of a right triangle. They also know and are able to use elementary relationships between functions.



## M901

Chapter 1: Geometry Basics

Section 1: Points and Lines

Section 2: Line Segments

Section 3: Rays

Chapter 2: Planes and Intersections

Section 1: Planes

Section 2: Lines and Points in Planes

Section 3: Intersections of Planes

Chapter 3: Geometric Shapes

Section 1: Polygons

Section 2: Triangles and Rectangles

Section 3: Measurements

## M902

Chapter 1: Angles and Measurement of Angles

Section 1: Definition of an Angle

Section 2: Definition of a Degree

Section 3: Measuring the Size of Angles

Chapter 2: Types of Angles

Section 1: Types of Angles by Size

Section 2: Types of Angles by Relation

Chapter 3: Constructing Angles

Section 1: Constructing Angles of a Specified Size

Section 2: Constructing Equal Angles

Section 3: Bisecting an Angle

## M903

Chapter 1: Prerequisites For Creating Proofs

Section 1: Properties of Congruence and Equality

Section 2: Logical Arguments

Chapter 2: Creating Proofs

Section 1: Basic Instructions For

Creating Proofs

Section 2: Formal Proofs with Supplementary and Complementary Angles

Chapter 3: More Proofs

Section 1: Formal Proofs with

Perpendicular Lines

Section 2: Distance

## M904

Chapter 1: Planes, Lines and Parallel Lines

Section 1: Planes and Lines

Section 2: Properties of Parallel Lines

Chapter 2: Proving Parallel Lines

Section 1: Methods of Proving Parallel Lines- Converse Reasoning

Section 2: Parallel Postulate

Chapter 3: Anatomy of Polygons

Section 1: Anatomy of a Polygon

Section 2: Triangle Angles

Section 3: Polygon Angles

## M905

Chapter 1: Proving Triangles Are Congruent

Section 1: Corresponding Parts of Triangles

Section 2: Congruent Triangles

Section 3: SSS ,SAS, ASA Postulates

Chapter 2: More Methods of Proving Congruence

Section 1: Overlapping Triangles

Section 2: AAS and HY-LEG

Chapter 3: Applications of Congruent Triangles

Section 1: Proving Segments and

Angles Are Congruent

Section 2: Proving Bisectors and Perpendicular Lines with Congruent

Triangles

## M906

Chapter 1: Classification of Triangles and Segments

Section 1: Types of Triangles

Section 2: Auxiliary Lines

Section 3: Altitude and Median

Chapter 2: Isosceles Triangles in Proofs

Section 1: Base Angles Theorem

Section 2: Double Congruence Proofs

Chapter 3: Geometric Inequalities

Section 1: Review of Inequalities

Section 2: Triangle Inequalities

## M907

Chapter 1: Parallelograms

Section 1: Properties of Parallelograms

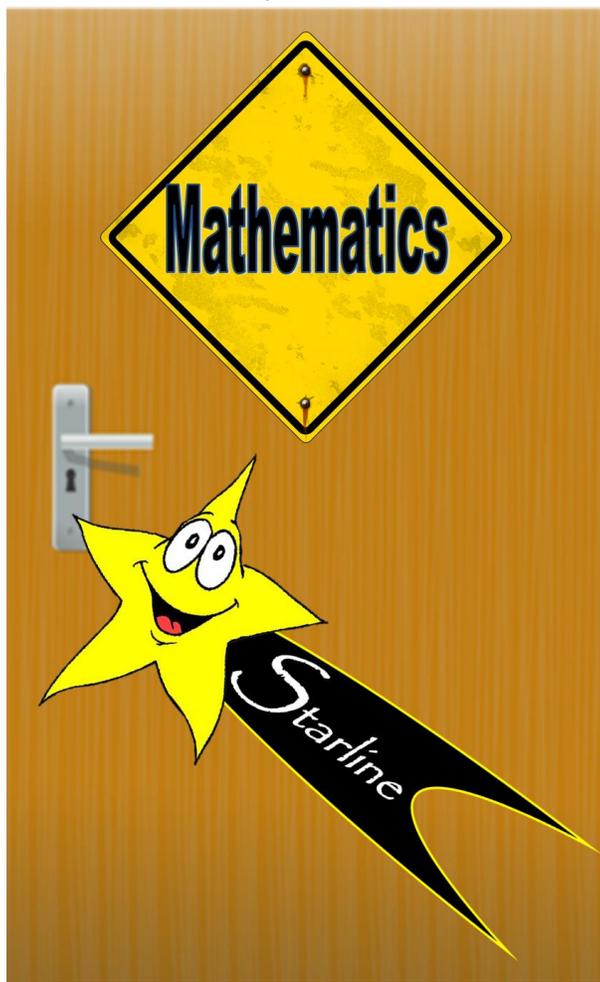
Section 2: Diagonals in Parallelograms

Chapter 2: Special Parallelograms

Section 1: Rectangle, Rhombus, and Square  
Section 2: Proving a Quadrilateral is a Parallelogram  
Section 3: Parallelogram Properties and Triangles  
Chapter 3: Trapezoids  
Section 1: Properties of a Trapezoid  
Section 2: Isosceles Trapezoids M908  
Chapter 1: Ratio, Proportion, and Similarity  
Section 1: Ratio and Proportions  
Section 2: Similar Polygons  
Section 3: Right Triangles and Pythagorean Theorem  
Chapter 2: Circles  
Section 1: Circles and Parts of Circles Defined  
Section 2: Congruent Arcs and Chords  
Chapter 3: Chords and Angle Measurements

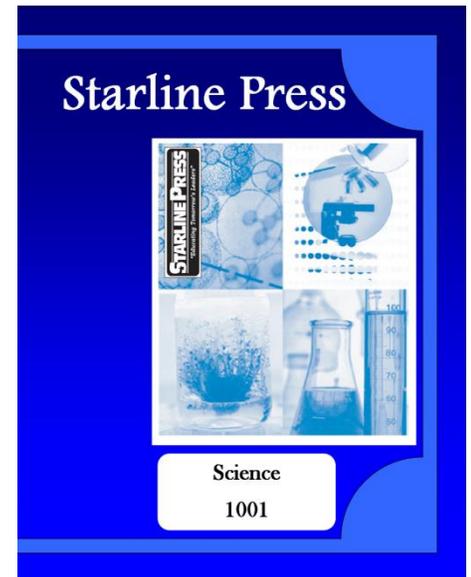
Section 1: Chord Theorems, Secants, and Tangents  
Section 2: Angle Measurements M909  
Chapter 1: Chord, Tangent, and Secant Segments  
Section 1: Equidistant Chords and Tangents  
Section 2: Chord, Tangent and Secant-Segment Relationships  
Section 3: Circumference and Arc Lengths  
Chapter 2: Area and Volume  
Section 1: Areas of Polygons  
Section 2: Area of Regular Polygons  
Section 3: Areas of a Circle, Sector, and Segment  
Section 4: Geometric Solids and Volume  
Chapter 3: Coordinate Geometry  
Section 1: Coordinate Plane  
Section 2: Area by Coordinates

Section 3: Midpoint, Distance, Slope Equations  
Section 4: Proofs with Coordinates M910  
Chapter 1: Numerical Descriptive Methods  
Section 1: Arithmetic Mean and Median  
Section 2: Range, Variance, and Standard Deviation  
Chapter 2: Probability  
Section 1: Experiments, Populations and Events  
Section 2: Permutations and Combinations  
Chapter 3: Probability of an Event and Probability Laws  
Section 1: Probability of an Event  
Section 2: Event Relations  
Section 3: Additive and Multiplicative Laws of Probability



# 9th Grade SCIENCE (Earth Science)

Ninth grade students study the origin of the solar system, space distance, dating techniques, and discovering small planetary bodies. They learn the concept of a galaxy, galaxy classification, and about protogalaxies. Students study the earth's layers, the Continental Drift Theory, seafloor spreading, types of tectonic plates, volcanoes and earthquakes. Ninth grade students study the greenhouse effect, climates, and the biosphere. They study thermal layers and the ozone layer. Students study mountain regions, the desert, the great central valley region, and the coastal ranges.



S901  
Chapter 1: The Ancients  
Chapter 2: The Greeks (600 B.C. – 150 A.D.)  
Chapter 3: The European Era  
Chapter 4: Modern Astronomy  
S902  
Chapter 1: Varying Belief Systems On Origin  
Chapter 2: Evolutionary Overview  
Chapter 3: Our Solar System  
Section 1: The Planets  
Section 2: Classification of Planets  
Section 3: Smaller Objects  
Section 4: Meteors  
Section 5: The Moon  
Section 6: Space Distance  
Section 7: Origin of the Solar System  
Section 8: Solar System Research  
Section 9: Dating Techniques  
S903  
Chapter 1: The Energy of the Sun  
Section 1: The Sun and Alpha Centauri  
Section 2: The Sun's Spots  
Section 3: Nuclear Energy  
Chapter 2: Asteroids  
Section 1: Discovering Small Planetary Bodies  
Section 2: Asteroid Groups  
Section 3: Asteroid Impact

Chapter 3: Planets and Other Stars  
Section 1: Pulsars  
Section 2: Beta Pictoris  
Section 3: 51 Pegasi and Stars  
S904  
Chapter 1: Introduction to Galaxies  
Section 1: What is a Galaxy  
Section 2: Galaxy Classification  
Section 3: Types of Galaxies  
Chapter 2: A Closer Look At Galaxies  
Section 1: Protogalaxies  
Section 2: Parts of the Milky Way  
Section 3: Dark Matter  
Chapter 3: History of Galaxy Study  
Section 1: Early Ideas  
Section 2: Quasars and Other Developments  
S905  
Chapter 1: Stars  
Section 1: Introduction to Stars  
Section 2: Star Classification  
Section 3: Star Characteristics  
Chapter 2: A Star's Life  
Section 1: Protostars  
Section 2: The End of a Star  
Section 3: Novas and Supernovas  
Chapter 3: Cosmology  
Section 1: The Big Bang  
Section 2: Particle Accelerators  
S906

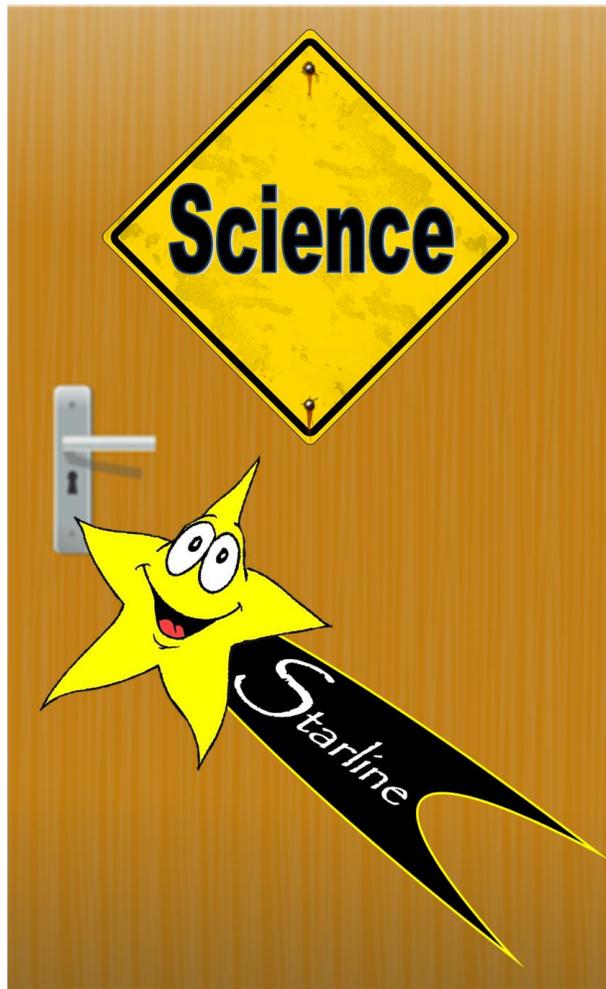
Chapter 1: Planet Earth  
Section 1: The Earth's Layers  
Section 2: Rocks  
Section 3: The Earth's Ages  
Chapter 2: Earth Activity  
Section 1: Continental Drift Theory  
Section 2: Seafloor Spreading  
Chapter 3: Plate Tectonics  
Section 1: Plate Tectonic Theory  
Section 2: Types of Tectonic Plates  
Section 3: Volcanoes and Earthquakes  
S907  
Chapter 1: Earth's Atmosphere  
Section 1: The Atmosphere's Layers  
Section 2: Clouds  
Chapter 2: Sunlight:  
Absorption, Reflection and Photosynthesis  
Section 1: Sunlight  
Section 2: Photosynthesis  
Section 3: Absorption and Reflection  
Chapter 3: The Greenhouse Effect  
Section 1: The Greenhouse Effect  
Section 2: The Earth's Radiation Budget  
S908  
Chapter 1: Earth's Hydrosphere  
Section 1: Water  
Section 2: Properties of Water  
Section 3: The Hydrologic Cycle

Chapter 2: The Ocean  
 Section 1: The Physical Characteristics of the Ocean  
 Section 2: Ocean Features  
 Chapter 3: Parts of the Ocean  
 Section 1: Currents and Waves  
 Section 2: Layers, Zones, and Realms S909  
 Chapter 1: The Earth's Climate  
 Section 1: Latitude and Climate  
 Section 2: Water and Climate  
 Section 3: Air Pressure and Climate  
 Chapter 2: Climate Types  
 Section 1: Major Climate Types  
 Section 2: Low-Latitude Climates  
 Section 3: Mid-Latitude Climates  
 Section 4: High-Latitude Climates  
 Chapter 3: Climate Phenomena  
 Section 1: Extreme Climate - Deserts and Rainforests  
 Section 2: Climate Events  
 Section 3: Global Warming S910  
 Chapter 1: Biogeochemical Activity  
 Section 1: The Biosphere  
 Section 2: Biogeochemical Processes

Section 3: Gaseous Vs. Sedimentary Cycles  
 Chapter 2: The Carbon Cycle  
 Section 1: Carbon and the Carbon Cycle  
 Section 2: How the Carbon Cycle Works  
 Chapter 3: Other Cycles  
 Section 1: The Nitrogen Cycle  
 Section 2: The Sulfur Cycle  
 Section 3: Other Nutrient Cycles S911  
 Chapter 1: The History of the Atmosphere  
 Section 1: The Atmosphere's Origins  
 Section 2: Outgassing  
 Chapter 2: The Development of Atmospheric Gases  
 Section 1: Oxygen and Nitrogen  
 Section 2: The Secondary Atmosphere

Chapter 3: The Atmosphere's Layers  
 Section 1: The Thermal Layers  
 Section 2: Electricity and Composition  
 Section 3: The Ozone Layer S912  
 Chapter 1: California's Geography  
 Section 1: Overview of California's Geography  
 Section 2: The Mountain Regions  
 Chapter 2: The Northern and Eastern Regions  
 Section 1: The Klamath Mountain Region and the Modoc Plateau  
 Section 2: The Pacific Mountain System  
 Section 3: The Great Basin  
 Chapter 3: The Southern, Central, and Coastal Regions  
 Section 1: The Desert  
 Section 2: The Great Central Valley

Region  
 Section 3: The Coastal Ranges  
 Section 4: The San Andreas Fault and Hazard Zones



# 9th Grade SOCIAL STUDIES (World Geography)

Ninth grade students study world geography and the continents of the world. They study maps and globes, and learn to coordinate locations on a grid. Students study landforms and topographical maps. Ninth grade students study South America, Asia, Africa, The Middle East, Australia, Antarctica, Europe, Canada, and the United States. They study geographical features of these countries, as well as the economies and people of the countries.

SS901

Chapter 1: World Geography—  
Continents of the World

Section 2: Location

Section 3: Place

Section 4: Human-Environment  
Interactions

Section 5: Movement

Section 6: Regions

Section 7: Continents

Section 8: Oceans

Chapter 2—Maps and Globes

Section 1: Lines of Latitude

Section 2: Lines of Longitude

Section 3: Coordinate Locations On a  
Grid

Section 4: Hemispheres

Section 5: Map Projections

Section 6: Mercator Projection

Section 7: Mollweide Projection

Section 8: Robinson Projection

Section 9: Azimuthal Projection

Section 10: Sinusoidal Projection

Section 11: Other Projections

SS902

Chapter 1: Landforms and  
Topographical Maps

Section 1: Landforms

Section 2: Vocabulary

Section 3: Topographical Maps

Section 4: Where Are We—Or How to  
Read a Map

Section 5: Map Legends

Chapter 2: Climates, Sub-Climates,  
Prevailing Winds

Section 1: Climates

Section 2: Sub-Climates

Section 3: Prevailing Winds

Section 4: Vocabulary

Section 5: Oceans

Section 6: Ocean Currents

Chapter 3: Calendars & International  
Dateline

Section 1: Introduction

Section 2: The Sun, Sundials, and

Calendars

Section 3: Vocabulary

Section 4: International Dateline

SS903

Chapter 1: Geographical Features of  
Africa

Section 1: Introduction to Africa

Section 2: Where in the World is  
Africa?

Section 3: Vocabulary

Section 4: Landforms

Section 5: The People of Africa

Section 6: Climates and Precipitation

Section 7: Agriculture of Africa

Chapter 2: Deserts

Section 1: Desert Landforms

Section 2: Desert Plants

Section 3: Desert Animals

Section 4: People of the Desert

Chapter 3: Modern Africa

Section 1: Education

Section 2: Economics

Section 3: Health

Section 4: Biography Book Report On  
Nelson Mandela

SS904

Chapter

1: The

Middle

East

Section 1: Introduction

Section 2: Where in the World is the  
Middle East?

Section 3: Landforms of the Middle  
East

Section 4: Country Research

Section 5: Vocabulary

Section 6: Climates and Precipitation

Chapter 2: Oil

Section 1: How It Forms

Section 2: Transportation

Section 3: Refinement and Uses

Section 4: Pollution

Chapter 3: The Middle East Today

Section 1: People of the Middle East

Section 2: Education

Section 3: Economics

SS905

Chapter 1: Geographical Features of  
Asia

Section 1: Introduction to Asia

Section 2: Where in the World is Asia?

Section 3: Landforms

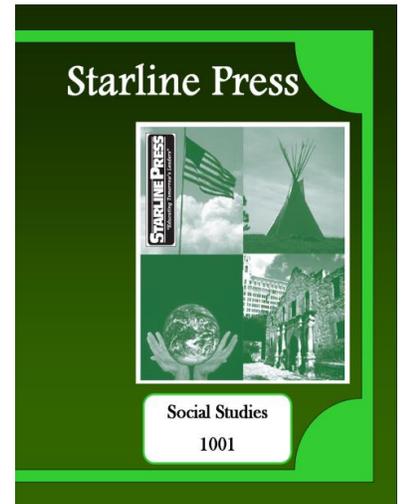
Section 4: Vocabulary

Section 5: Climates and Precipitation

Chapter 2

Section 1: Earthquakes – a Little  
History

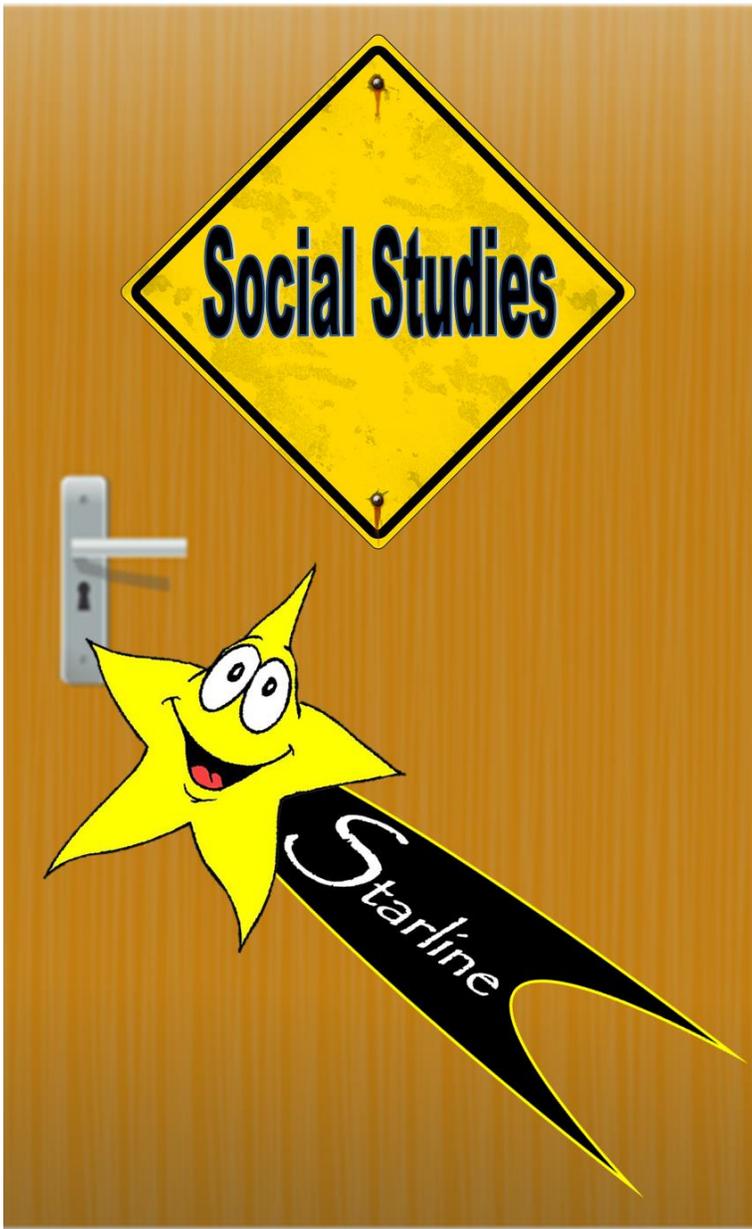
Section 2: The Structure of the Earth



Section 3: Primary and Secondary Body Waves  
Section 4: Tectonic Plates  
Section 5: Tsunamis and Other Effects of Earthquakes  
Chapter 3: Asia Today  
Section 1: Facing the Future  
Section 2: Health and Education  
Section 3: Biography Book Report On Mahatma Gandhi  
SS906  
Chapter 1: Geographical Features of Australia and Oceania  
Section 1 : Introduction  
Section 2: Where in the World is Australia and Oceania, Landforms, Map Work  
Section 3: Vocabulary  
Section 4: Climates and Precipitation  
Chapter 2: Coral Reef  
Section 1: How They Form  
Section 2: Types of Coral and Sea Creatures of a Reef  
Section 3 : Pollution  
Section 4: Australian Animal Report  
Chapter 3: Australia Today  
Section 1: The People  
Section 2: Education, Health Care, and Life in the Outback  
Section 3: Economics  
SS907  
Chapter 1: Geographical Features of Antarctica  
Section 1: Introduction to Antarctica  
Section 2: Where in the World  
Section 3: Ice: Sheets, Shelves, and Bergs  
Section 4: Mountain and Valleys  
Section 5: Islands and Volcanoes  
Section 6: Vocabulary  
Section 7: Explorers  
Chapter 2: Life On Ice  
Section 1: Climate and Precipitation  
Section 2: The Researchers  
Section 3: Animal Research  
Section 4: Plants  
Chapter 3: The Arctic  
Section 1: The Arctic: Aka the North Pole

Section 2: Climate  
Section 3: Life in the Arctic  
Section 4: Biography Book Report On Roald Amundsen  
SS908  
Chapter 1 Geographical Features of Europe  
Section 1: Introduction  
Section 2: Where in the World is Europe  
Section 3: Map Work, Landforms  
Section 4: Climates and Precipitation  
Chapter 2: Rivers  
Section 1: Introduction, How Rivers Flow  
Section 2: Floods  
Section 3: Flood Control  
Section 4: Rivers At Work  
Chapter 3: Europe Today  
Section 1: Education  
Section 2: Health-Care  
Section 3: Biography Book Report of Winston Churchill  
SS909  
Chapter 1: Geographical Features of North America  
Section 1: Introduction to North America  
Section 2: Mountains  
Section 3: Mountain Plant Life  
Section 4: Mountain Climate  
Section 5: Climate Zones of North America  
Chapter 2: Canada Today  
Section 1: Introduction to Canada  
Section 2: Natural Resources  
Section 3: Economics  
Section 4: Education  
Section 5: Health  
Chapter 3: The Us Today  
Section 1: Introduction to the United States of America  
Section 2: Natural Resources and Economy  
Section 3: Education  
Section 4: Health  
SS910  
Chapter 1: Mexico, Central America and the West Indies

Section 1: Introduction  
Section 2: Climate and Precipitation  
Section 3: Health and Education  
Section 4: Economy  
Chapter 2: Hurricanes  
Section 1: Introduction  
Section 2: How a Hurricane Develops  
Section 3: Watches, Warnings, and Hunters  
Section 4: Monster Storms  
Chapter 3: The West Indies  
Section 1: Introduction  
Section 2: Climate and Precipitation  
Section 3: Education and Health  
Section 4: Economy  
SS911  
Chapter 1: South America  
Section 1: Introduction  
Section 2: South America  
Section 3: Climate and Precipitation  
Chapter 2: Rainforests of the World  
Section 1: Introduction  
Section 2 Rainforest Flora  
Section 3: Fauna  
Section 4: How to Write a Bibliography  
Section 5: The Destruction of the World's Rainforest  
Chapter 3: South America Today  
Section 1: The People of South America  
Section 2: Health  
Section 3: Education  
Section 4: Economics  
SS912  
Chapter 1: What's in the Report  
Section 1: Introduction  
Section 2: Outline  
Section 3: Country Report Points Page  
Chapter 2: The Nuts and Bolts  
Section 1: Note Cards  
Section 2: Rough Draft  
Section 3: Text Title Page  
Section 4: Maps Table of Contents  
Section 5: Bibliography  
Chapter 3: The Enhancements  
Section 1: What is an Enhancement?

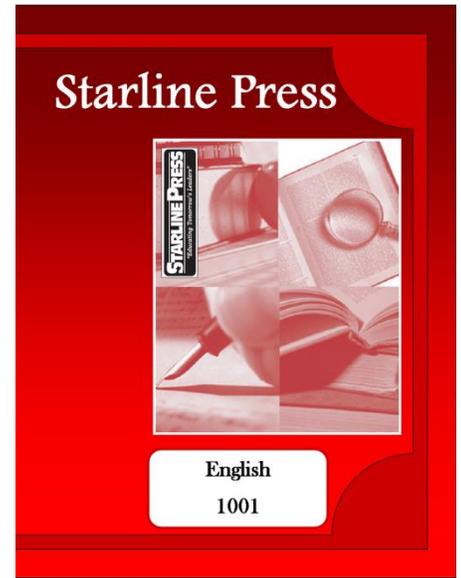


- Section 2: Timeline
- Section 3: Travel Brochure
- Section 4: National Anthem
- Section 5: Recipe
- Section 6: Traditional Dress
- Section 7: Country Flag
- Section 8: It's Greek (and Latin) to Me!

# 10th Grade LANGUAGE ARTS

Tenth grade students study Old English, Middle English, Early Modern English, and Late Modern English. They learn suffixes, prefixes, roots, changing connotations, and problems in diction. Students learn paragraph order, develop paragraphs, and create unity in paragraphs.

Students demonstrate speeches including manuscript, memorized, impromptu, and extemporaneous. Students learn to write an introduction, complete the structure of an argument, and apply amplification and conclusion to their speeches. They learn to give interviews, listen actively, and note taking techniques. Tenth grade students learn the history of radio, television, motion pictures, and newspapers. They complete book reports throughout the year based on novels read in many different genres including science fiction, mystery, humor, adventure, tragedy, and drama.



## E1001

Chapter 1: History of English

Section 1: Old English

Section 2: Middle English

Section 3: Early Modern English

Section 4: The Great Vowel Shift

Section 5: Late Modern English

Chapter 2: Structure and Development of Words

Section 1: Prefixes

Section 2: Suffixes

Section 3: Roots

Section 4: Words From Mythology

Section 5: Changing Connotations

Chapter 3: Word Choice

Section 1: Problems in Diction

Section 2: a Usage Glossary

## E1002

Literature

## E1003

Chapter 1: Writing a Speech

Section 1: Organizing the Body of a Speech

Section 2: Writing an Introduction

Section 3: Structure of an Argument

Section 4: Amplification and Conclusion

Chapter 2: Speech Presentation

Section 1: Voice

Section 2: Body

Section 3: Visual Aids

Section 4: Guidelines For Visual Aids

Chapter 3: Methods of Speaking

Section 1: Extemporaneous Speeches

Section 2: Manuscript Speeches

Section 3: Memorized Speeches

Section 4: Impromptu Speeches

## E1004

Literature

## E1005

Chapter 1: Researching Speeches

Section 1: Knowing the Audience

Section 2: Brainstorming Topics

Section 3: Narrowing the Topic

Section 4: Finding the Speech Purpose

Section 5: Special Occasion Speeches

Chapter 2: Speech Analysis

Section 1: Speech Language

Section 2: Analyzing a Speech

Chapter 3: Listening Abilities

Section 1: Giving Interviews

Section 2: Listening and Appreciation

Section 3: Listening Actively

Section 4: Note-Taking Techniques

## E1006

Literature

## E1007

Chapter 1: The Media

Section 1: A History of Radio and Television

Section 2: A History of Motion Pictures and Newspapers

Section 3: Running a Radio Station

Section 4: Making a Program

Chapter 2: Vocabulary

Section 1: Using Definitions

Section 2: Using Contexts and Examples

Section 3: Using Comparisons and Series

Section 4: Using Roots

Section 5: Memorizing Vocabulary

Chapter 3: Spelling

Section 1: Suffixes

Section 2: More On Suffixes

Section 3: Silent -E and Double Consonants

Section 4: A Glossary of Problem Words

## E1008

Literature

## E1009

Chapter 1: Writing Paragraphs

Section 1: Kinds of Paragraphs

Section 2: Topic Sentences

Section 3: Paragraph Order

Section 4: Developing a Paragraph  
Section 5: Unity in a Paragraph  
Chapter 2: Revising  
Section 1: Misplaced Modifiers  
Section 2: Dangling and Squinting Modifiers  
Section 3: Parallel Structure  
Section 4: Proofreading  
Chapter 3: Forms of English  
Section 1: Vocabulary

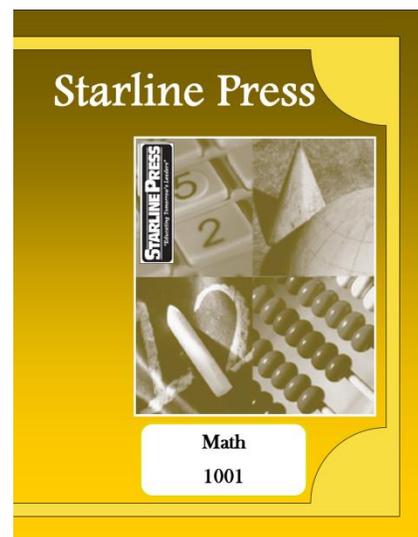
Section 2: Standard and Non-Standard English  
Section 3: Informal and Formal English  
Section 4: Spelling  
E1010  
Chapter 1: Literary Genres  
Section 1: Science Fiction  
Section 2: Mystery  
Section 3: Humor  
Section 4: Adventure

Chapter 2: Forms of Drama  
Section 1: Tragedy  
Section 2: Comedy  
Section 3: Drama  
Chapter 3: English Skills  
Section 1: Vocabulary  
Section 2: Spelling  
Section 3: Sentence Shifts



# 10th Grade MATHEMATICS (Algebra II)

Tenth grade students add, subtract, multiply and divide polynomials. They work with complex fractions, ratios, and proportions. Students study the basics of quadratic equations, the square root method, and solving absolute value equations. Students learn about linear inequality, graphing linear inequalities, applying systems of linear inequalities, and addition and multiplication properties of linear inequalities. Tenth grade students study logarithms and antilogarithms and how to work these problems on a calculator. They study Pascal's Triangle and the The Binomial Theorem. Students make and interpret scatter plots, as well as parabola basics and graphing parabolas.



## M1001

### Chapter 1: Expressions:

#### Rational/Operations

#### Section 1: Rational Expressions

### Chapter 2: Polynomials:

#### Proficient/Operations

#### Section 1: Understanding the Language of Polynomials

#### Section 2: Adding & Subtracting Polynomials

#### Section 3: Ascending and Descending Order

#### Section 4: Multiplying Monomials & Polynomials

#### Section 5: Dividing Polynomials

### Chapter 3: More Rational Expressions & Polynomial Work

#### Section 1: Synthetic Division

#### Section 2: Working with Complex Fractions

#### Section 3: Solving Rational Equations

#### Section 4: Ratios and Proportions

#### Section 5: Direct, Inverse, and Joint Variations

## M1002

### Chapter 1: Exponents and Radicals

#### Section 1: Rational Exponents

#### Section 2: Radicals & Roots with Absolute Values

#### Section 3: Simplifying Radicals

#### Section 4: Adding & Subtracting Radical Expressions

#### Section 5: Multiplying and Dividing Radical Expressions

### Chapter 2: Quadratics in One Variable

#### Section 1: The Basics of Quadratic Equations

#### Section 2: Solving Quadratics by Factoring

#### Section 3: Complex & Imaginary Numbers

#### Section 4: Quadratic Equations with Non- Real Solutions

#### Section 5: The Square Root Method

#### Section 6: Graphing/Plotting Imaginary/Complex Numbers

### Chapter 3: More Quadratics

#### Section 1: Completing the Square

#### Section 2: The Quadratic Formula

#### Section 3: The Discriminant

#### Section 4: Checking Quadratic Equation Solutions

## M1003

### Chapter 1: Absolute Values

#### Section 1: Solving Absolute Value Equations

#### Section 2: Solving Linear Inequalities

#### Section 3: Compound Inequalities

#### Section 4: Absolute Value Inequalities

### Chapter 2:

#### Section 1: Rectangular Coordinate System

#### Section 2: Distance Formula & Pythagorean Theorem

#### Section 3: Midpoint Formula

#### Section 4: Slope of a Line

### Chapter 3:

#### Section 1: Graphing Equations of Lines

#### Section 2: Linear Equation Format and X&Y Intercepts

#### Section 3: Point-Slope Form of the Equation of a Line

#### Section 4: Slope-Intercept Form of the Equation of a Line

## M1004

### Chapter 1: Graphs of Linear Inequalities

#### Section 1: What is a Linear Inequality?

#### Section 2: Graphing Systems of Inequalities

#### Section 3: Applying Systems of Linear Inequalities

#### Section 4: Properties of Inequalities

### Chapter 2: Linear Sentences in Two Variables

#### Section 1: Linear Equations: Solutions Using Graphing

#### Section 2: Dependent and Inconsistent Systems

#### Section 3: Solving Systems of Equations by Substitution

#### Section 4: Solving Linear Equations Using Eliminations

### Chapter 3: Matrices

#### Section 1: an Introduction to Matrices

#### Section 2: Adding and Subtracting Matrices

#### Section 3: Scalar Multiplication of Matrices

Section 4: Multiplying Matrices  
M1005  
Chapter 1: More Work with Matrices  
Section 1: Augmented, Coefficient, and Constant Matrices  
Section 2: Gaussian Elimination Format  
Section 3: Solving Linear Equation Systems Using Matrices  
Section 4: Variables Do Not Match the Number of Equations  
Chapter 2: Determinants  
Section 1: A History Lesson of Matrices and Determinants  
Section 2: Determinants  
Section 3: Cramer's Rule  
Section 4: Third-Order Determinants  
Chapter 3: More On Matrices  
Section 1: Identity Matrices  
Section 2: Inverse Matrices  
Section 3: Inverses For 3 X 3 Matrices  
Section 4: Practice, Practice, Practice  
M1006  
Chapter 1: Logarithms and Exponential Functions & Equations  
Section 1: A History of Logarithms  
Section 2: What is a Logarithm?  
Section 3: Exponential Functions  
Section 4: Logarithmic Functions  
Chapter 2: Logarithmic & Exponential Functions and Equations  
Section 1: The Nuts and Bolts of Logarithms  
Section 2: The Logarithm Table  
Section 3: Antilogarithms  
Section 4: Logarithm and Antilogarithm Problems  
Chapter 3: Natural Logarithms  
Section 1: Solving Natural Logarithms  
Section 2: Solving Exponential and Logarithmic Equations  
Section 3: Changing Bases and Simplifying Natural Logarithms  
Section 4: Proving the Laws of Logarithms  
Section 5: Some Logarithm Problems  
M1007  
Chapter 1: Factoring – Part 1

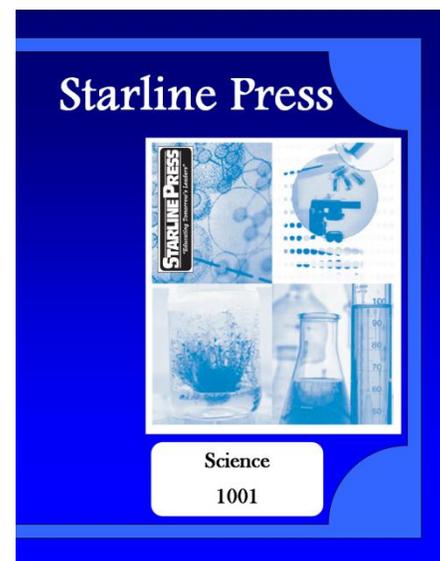
Section 1: Factoring Natural Numbers  
Section 2: Finding the Greatest Common Factors  
Section 3: Factoring Monomials  
Section 4: Factoring the Difference of Two Squares  
Chapter 2: Factoring – Part 2  
Section 1: Factoring Out a Polynomial  
Section 2: Factoring by Grouping  
Section 3: Factoring the Sum Or Difference of Cubes  
Section 4: Factoring Trinomials with Lead Coefficients of 1  
Chapter 3: Factoring Higher Level Expressions  
Section 1: Factoring Trinomials of the Form  $ax^2 + bx + c$   
Section 2: Factoring Square Trinomials  
Section 3: Solving Equations by Factoring  
Section 4: Review For You Before Your Test  
M1008  
Chapter 1: Even More Factoring  
Section 1: Pascal's Triangle  
Section 2: Factorials  
Section 3: The Binomial Theorem  
Section 4: Binomial Coefficients and Combinations  
Chapter 2: Arithmetic Sequences and Series  
Section 1: Sequences  
Section 2: Arithmetic Sequences  
Section 3: Arithmetic Means  
Section 4: Arithmetic Series and Summation  
Chapter 3: Geometric Sequences and Series  
Section 1: Geometric Sequences  
Section 2: Geometric Means  
Section 3: Finite Geometric Series  
Section 4: Infinite Geometric Series  
M1009  
Chapter 1: Functions  
Section 1: Function Notation and Operations  
Section 2: Relations and Functions

Section 3: Discrete and Continuous Functions  
Section 4: Composite Functions  
Chapter 2: More On Functions  
Section 1: Inverse and Identity Functions  
Section 2: Graphing Linear Polynomial Functions  
Section 3: Graphing Rational Functions  
Section 4: Practice Exercises to Help You  
Chapter 3 : More Functions  
Section 1: Quadratic Functions  
Section 2: Exponential Functions  
Section 3: Translations of Graphs of Functions  
Section 4: Logarithmic Functions  
M1010  
Chapter 1: Basic Statistics  
Section 1: Ways to Measures Central Tendency  
Section 2: Graphs of Central Tendency  
Section 3: Making Scatter Plots  
Section 4: Interpreting Scatter Plots  
Chapter 2: More Statistics  
Section 1: Ways to Measure Variation in Data  
Section 2: Standard Deviations  
Section 3: The Normal Distribution  
Section 4: Direct, Inverse, Joint and Combined Variation  
Chapter 3: Permutations, Combinations & Probabilities  
Section 1: Permutations  
Section 2: Combinations  
Section 3: Probability Or Odds  
Section 4: Adding and Multiplying Probabilities



# 10th Grade SCIENCE (Biology)

Tenth grade students study the beginning of biology, the attributes of life, and the meaning of science. They study matter, acids, bases, buffers, energy, lipids and proteins. They study differentiation of cells, sexual reproduction, linked genes and traits, incomplete and multiple gene inheritance, and sex linked genes. Students learn about DNA and DNA structure, protein construction, mutations, pedigrees, and the Human Genome Project. Tenth grade students study the foundation of body systems including the nervous system, endocrine system, reproductive system, digestive system, excretory system, and muscular system. They record and analyze observations, conduct calculation, use tables and graphs, apply concepts, formulate hypothesis, and design experiments.



## S1001

Chapter 1: Foundations of Biology  
 Section 1: Is Truth Public Opinion? Or Faith?  
 Section 2: Is Truth Procedures and Methods That Work?  
 Section 3: Is Truth Repeated Observations? Or Logic?  
 Chapter 2: Scientific Approach of Biology  
 Section 1: What is Science?  
 Section 2: Procedure of the Scientific Method  
 Section 3: The Limitations of Science.  
 Chapter 3: History of Biology  
 Section 1: The Beginning of Biology  
 Section 2: Modern Science  
 Section 3: Advances in Biology  
 S1002  
 Chapter 1: Nature of Living Things  
 Section 1: Divisions of Science  
 Section 2: The Attributes of Life  
 Section 3: Biological Research Technology and Measurement  
 Chapter 2: The Chemistry of Life  
 Section 1 Matter  
 Section 2: Acids, Bases and Buffers  
 Section 3: Energy

## Chapter 3: Molecules of Life

Section 1: Carbon and Carbohydrates  
 Section 2: Lipids and Proteins  
 Section 3: Nucleic Acids  
 S1003  
 Chapter 1: Life Science  
 Section 1: Life Science: One Branch of Science  
 Section 2: The Scientific Method  
 Section 3: Tools of the Scientist  
 Chapter 2: Cells: Design and Function  
 Section 1: Discovering Variety  
 Section 2: Cell's Complex Design  
 Section 3: Designed to Work  
 Chapter 3: Life Processes in Cells  
 Section 1: Maintenance and Survival  
 Section 2: Active Transport and Movement  
 Section 3: Reproduction and Death  
 S1004  
 Chapter 1: Continuity of Life  
 Section 1: Asexual Reproduction  
 Section 2: Differentiation of Cells  
 Section 3: Sexual Reproduction  
 Chapter 2: Patterns of Inheritance  
 Section 1: Mendel's Rules  
 Section 2: Exceptions to the Law of Dominance

## Section 3: Linked Genes and Traits Chapter 3: Human Genetics

Section 1: Genotype-Phenotype and Dominance  
 Section 2: Incomplete and Multiple Gene Inheritance  
 Section 3: Sex-Linked Genes and Other Exceptions  
 S1005  
 Chapter 1: DNA Genetic Controller  
 Section 1: Discovering DNA  
 Section 2: Cell – Nucleus – DNA  
 Section 3: DNA'S Structure  
 Chapter 2: DNA At Work  
 Section 1: Replication, Transcription & Translation  
 Section 2: Protein Construction  
 Section 3: Mutations and Pedigrees  
 Chapter 3: Genetic Engineering – Mapping Genes – Diversity  
 Section 1 Genetic Engineering  
 Section 2: The Human Genome Project  
 Section 3: Environmental Influences  
 S1006  
 Chapter 1: Theories  
 Section 1: Theories and the Scientific Method  
 Section 2: Historical View  
 Section 3: Charles Darwin

Chapter 2: Evolution and Special Creation  
 Section 1: Origin of Life  
 Section 2: Origin of Man  
 Section 3: Fossils and the Geologic Column  
 Section 4: Missing Links/Transitional Forms  
 Chapter 3: More Evidence  
 Section 1: Human Evolution  
 Section 2: Cells, Genetics and Mutations  
 Section 3: Scientific Principles and Practices  
 S1007  
 Chapter 1: Our Body Systems  
 Section 1: Activity of Body Systems  
 Section 2: Principles of Human Physiology  
 Section 3: Foundation of Body Systems  
 Chapter 2: Neurons and Hormones  
 Section 1: Nervous System  
 Section 2: Endocrine System

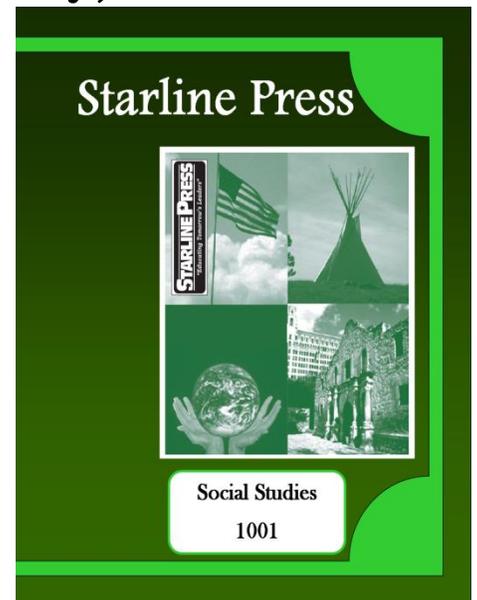
Section 3: Reproductive System  
 Chapter 3: Enzymes At Work  
 Section 1: Digestive System  
 Section 2: Excretory System  
 Section 3: Muscular System  
 S1008  
 Chapter 1: Whole Body Systems  
 Section 1: Skeletal System  
 Section 2: Circulatory System  
 Section 3: Respiratory System  
 Chapter 2: Body Defense Systems  
 Section 1: Lymphatic System  
 Section 2: Immune System  
 Section 3: Integumentary System  
 Chapter 3: Germ War  
 Section 1: Bacteria and Virus  
 Section 2: Bubble Boy  
 Section 3: Gene Therapy  
 S1009  
 Chapter 1: Scope of Ecology  
 Section 1: Definition of Ecology  
 Section 2: Ecosystem Factors  
 Section 3: Major Biomes

Chapter 2: Ecosystems At Work  
 Section 1: Energy Flow of Ecosystems  
 Section 2: Water, Carbon, and Nitrogen Cycles  
 Section 3: Energy Pyramid  
 Chapter 3: Predicting Problems  
 Section 1: Biodiversity  
 Section 2: Fluctuations in Population Size  
 Section 3: Signs of Stress  
 S1010  
 Chapter 1: Observations  
 Section 1: Recording Observations  
 Section 2: Analyzing Observations  
 Section 3: Conducting Calculations  
 Chapter 2: Making Judgments  
 Section 1: Comparing and Contrasting  
 Section 2: Using Tables and Graphs  
 Section 3: Making an Inference  
 Chapter 3: Designing an Experiment  
 Section 1: Applying Concepts  
 Section 2: Formulating a Hypothesis  
 Section 3: Designing and Experiment



# 10th SOCIAL STUDIES (World History)

Tenth grade students study ancient empires including Egypt, India, Greece, and Rome. They study Judaism and Christianity, and Greek and Roman philosophy and religion. Students study the making of nations including England, France, Spain, and Russia. They learn about the American and French Revolution, the English Bill of Rights, and The French Declaration of Rights of Man and the Citizen. Tenth grade students study The Russian Revolution, the Nazis of Germany, and allied leaders. Students learn the ten steps to writing a term paper, from selecting a topic, to conducting research and recording the location of your sources, to writing your final draft paper.



## SS1001

### Chapter 1: Beginning of Civilization

#### Section 1: Introduction

#### Section 2: The Fertile Crescent: Sumer

#### Section 3: Empires

#### Section 4: Israel

### Chapter 2: Ancient Civilizations

#### Section 1: Ancient Egypt and Other African Cultures

#### Section 2: Ancient India, China and Other

#### Asian Cultures

#### Section 3: Ancient Greece

#### Section 4: Ancient Rome and the Roman

#### Empire

### Chapter 3: Ancient Philosophy and Religion

#### Section 1: Greek Philosophy and Religion

#### Section 2: Roman Philosophy and Religion

#### Section 3: Judaism

#### Section 4: Christianity

## SS1002

### Chapter 1: Early Middle Ages

#### Section 1: The Roman Empire Divided

#### Section 2: The Rise of Religions in the Middle Ages

#### Section 3: The Byzantine Empire

### Section 4: The Road to Feudalism

### Chapter 2: High Middle Ages

#### Section 1: Medieval Life and the Age of Chivalry

#### Section 2: Crusades: The March Against Islam

#### Section 3: The Making of Nations: England and France

#### Section 4: The Making of Nations: Spain and Russia

### Chapter 3: The Birth of New Ideas

#### Section 1: Renaissance

#### Section 2: Reformation

#### Section 3: Exploration

#### Section 4: Science

## SS1003

### Chapter 1: Era of Changes

#### Section 1: Transition to Modern Times

#### Section 2: Kings, Queens and Absolute Monarchs

#### Section 3: Age of Enlightenment

#### Section 4: Period of Awakenings

### Chapter 2: Revolutions

#### Section 1: The Road to Revolutions

#### Section 2: The Glorious Revolution of England

#### Section 3: The American Revolution

#### Section 4: The French Revolution and Napoleon

### Chapter 3: Important Documents in History

#### Section 1: Magna Carta

#### Section 2: English Bill of Rights

#### Section 3: American Documents

#### Section 4: The French Declaration of Rights of Man and the Citizen

## SS1004

### Chapter 1: The Industrial Revolution

#### Section 1: The Beginning of the Revolution: Great Britain

#### Section 2: Inventions and Discoveries

#### Section 3: The Revolution Spreads to Other Countries

#### Section 4: Men of Discovery

### Chapter 2: Romanticism

#### Section 1: Romanticism's Characteristics

#### Section 2: Romanticism in Literature

#### Section 3: Romanticism in Art

#### Section 4: Romanticism in Music

### Chapter 3: Expansion Beyond Native Shores

#### Section 1: Imperialism and Colonialism

#### Section 2: Nations and Their Frontiers

#### Section 3: Impact of Imperialism in the World: The Colonized

## SS1005

### Chapter 1: World War I

#### Section 1: Declaring War

Section 2: The Course of the War  
 Section 3: The War's Impact  
 Section 4: The War's End  
 Chapter 2: The Rise of Totalitarianism  
 Section 1: Russian Revolution  
 Section 2: Italy and Fascism  
 Section 3: The Nazis of Germany  
 Section 4: Joseph Stalin  
 Chapter 3: World War II  
 Section 1: The Outbreak of War  
 Section 2: The Course of the War  
 Section 3: War's End  
 Section 4: Allied Leaders  
 SS1006  
 Chapter 1: The Modern World  
 Section 1: Treaties and Pacts  
 Section 2: The Cold War  
 Section 3: Uprisings  
 Chapter 2: Nation-Building  
 Section 1: The Middle East  
 Section 2: Africa  
 Section 3: Latin America  
 Section 4: China  
 Chapter 3: The Atomic Age  
 Section 1: a Global Economy  
 Section 2: The Space Race  
 Section 3: The Revolution in Telecommunications  
 SS1007  
 Chapter 1: World Geography—Continents of the World  
 Section 2: Location  
 Section 3: Place  
 Section 4: Human-Environment Interactions  
 Section 5: Movement  
 Section 6: Regions

Section 7: Continents  
 Section 8: Oceans  
 Chapter 2—Maps and Globes  
 Section 1: Lines of Latitude  
 Section 2: Lines of Longitude  
 Section 3: Coordinate Locations On a Grid  
 Section 4: Hemispheres  
 Section 5: Map Projections  
 Section 6: Mercator Projection  
 Section 7: Mollweide Projection  
 Section 8: Robinson Projection  
 Section 9: Azimuthal Projection  
 Section 10: Sinusoidal Projection  
 Section 11: Other Projections  
 SS1008  
 Chapter 1: Landforms and Topographical Maps  
 Section 1: Landforms  
 Section 2: Vocabulary  
 Section 3: Topographical Maps  
 Section 4: Where Are We—Or How to Read a Map  
 Section 5: Map Legends  
 Chapter 2: Climates, Sub-Climates, Prevailing Winds  
 Section 1: Climates  
 Section 2: Sub-Climates  
 Section 3: Prevailing Winds  
 Section 4: Vocabulary  
 Section 5: Oceans  
 Section 6: Ocean Currents  
 Chapter 3: Calendars & International Dateline  
 Section 1: Introduction  
 Section 2: The Sun, Sundials, and Calendars

Section 3: Vocabulary  
 Section 4: International Dateline  
 SS1009  
 Chapter 1:  
 Section 1: The First Americans  
 Section 2: Mound Builders and Pueblos  
 Section 3: Native American Cultures  
 Section 4: The First Europeans  
 Chapter 2:  
 Section 1: Early Settlements  
 Section 2: Jamestown  
 Section 3: Massachusetts  
 Section 4: New Netherland and Maryland  
 Chapter 3:  
 Section 1: Colonial-Indian Relations  
 Section 2: Second Generation of British Colonies  
 Section 3: Settlers, Slaves and Servants  
 Section 4: The Colonial Period  
 SS1010  
 Chapter 1: Ten Steps to Writing a Term Paper  
 Step One: Don't Panic!  
 Step Two: Select Your Topic  
 Step Three: Figure Out What a Term Paper is So You Can Write One  
 Step Four: Develop a Type 3 Question For Your Term Paper  
 Step Five: Develop a Draft Thesis Statement From Your Type 3 Question  
 Step Six: Conduct Your Research and Record the Locations of Your Sources  
 Step Seven: Assemble Note Cards and Write Outline  
 Step Eight: Write Your Draft Paper  
 Step Nine: Read the Instructor's Comments and Write Final Draft  
 Step Ten: Turn in Your Final Draft to Your Teacher and Celebrate!  
 HI – Historical Interpretation



# DRIVERS EDUCATION

Students learn the rules of the road, seeing and communicating. They study speed, space, sharing the road, and emergencies, avoiding collisions, and safety devices. They learn about the dangers of alcohol, insurance, and the point system. Meets California requirements for classroom driver education.

## DE101

Chapter 1: Begin at the End The Test  
Chapter 2: The California License  
Section 1: Now We're Getting Somewhere  
Section 2: Positive and Negative Numbers  
Section 3: Checking  
Section 4: Basic Drivers License Information  
Section 5: The Driver License Process  
Chapter 3: Administrative Information  
Section 1: General Notification Rules  
Section 2: Character Traits  
Section 3: Character in Action

## DE102

Chapter 1: Rules of the Road  
Section 1: Traffic Signs & Signals  
Section 2: Use of Lanes and Turns  
Section 3: Parking  
Chapter 2: Seeing and Communicating  
Section 1: Seeing Well  
Section 2: Looking Behind  
Section 3: Communicating to Other Drivers  
Chapter 3: Speed, Space, and Sharing the Road  
Section 1: Adjusting Speed  
Section 2: Keeping a Space Margin  
Section 3: Sharing the Road

## DE103

Chapter 1: Emergencies, Avoiding Collisions, Safety Devices  
Section 1: Driving Emergencies  
Section 2: Avoiding Collisions, Steering  
Section 3: Safety Devices  
Chapter 2: Other Vehicles, DUI  
Section 1: Motorcycles, Mopeds, Bicycles & All Terrain Vehicles  
Section 2: The Dangers of Alcohol  
Section 3: The Laws  
Chapter 3: Emotions, Your Vehicle, Insurance and the Point System  
Section 1: Dealing with Emotions  
Section 2: Your Vehicle  
Section 3: Insurance Laws and the Points System



# HEALTH

Health students study preventing disease, weight issues, emotions, risky behavior, mental disorders, and communicable diseases.

HL101

Chapter 1: Five Fundamental Elements of Food

Section 1: Proteins, Carbohydrates, Fats

Section 2: Vitamins & Minerals

Section 3: Other Essential Ingredients in Food

Section 4: Food Labels

Chapter 2: Climb the Pyramid to Good Health

Section 1: Six Major Food Groups

Section 2: Food Guide Pyramid

Section 3: Dietary Guidelines & Nutritional Claims

Chapter 3: Weight Issues

Section 1: Gaining & Losing Weight

Section 2: Smart Snacking & Fast Food

Section 3: Get Moving

HL102

Chapter 1: Healthy Choices Prevent Disease

Section 1: Reduce Your Risk of Disease with

Diet & Exercise

Section 2: Common Health Issues

Chapter 2: Stress & Communication

Section 1: Stress

Section 2: Communication

Section 3: Judgment or Observation

Section 4: Setting Boundaries

Chapter 3: Risky Behavior: Sexually Transmitted Diseases; Drugs; Alcohol

Section 1: Sexually Transmitted Diseases

Section 2: HIV/Aids

Section 3: Alcohol

Section 4: Tobacco Use

HL103

Chapter 1: Emotions

Section 1: Why Am I So Moody

Section 2: Mind-Body Connections

Section 3: Taming the Temper Tiger

Section 4: How to Deal with

Uncomfortable Emotions

Chapter 2: Dealing with Life's Crises

Section 1: Cause of Loss & Grief

Section 2: Five Stages of Loss & Grief

Section 3: Coping with Depression

Chapter 3: Suicide

Section 1: Why Do

Teens Try to Kill

Themselves

Section 2: How to

Recognize the Warning

Signs of Suicide

Section 3: What If It's

You or Someone You

Know

HL104

Chapter 1: Personality

Section 1: Why Study Personality

Section 2: What Influences Personality Development

Section 3: What is Your Personality Type

Chapter 2: Mental Disorders

Section 1: Anxiety Disorders

Section 2: Eating Disorders

Section 3: Mood Disorders

Section 4: Personality Disorders

Section 5: Schizophrenia

Chapter 3: Addiction

Section 1: A Teen's Guide to Common Addictions

Section 2: Signs of an Addiction

Section 3: Codependence

Chapter 4: Treatment for Mental

Disorders & Addiction

Section 1: Who Treats Disorders & Addictions

Section 2: What is Therapy

HL105

Chapter 1: Communicable Diseases

Section 1: Immune System, Pathogens: How Diseases Are Spread

Section 2: Other Communicable Diseases

Section 3: Research a communicable Disease

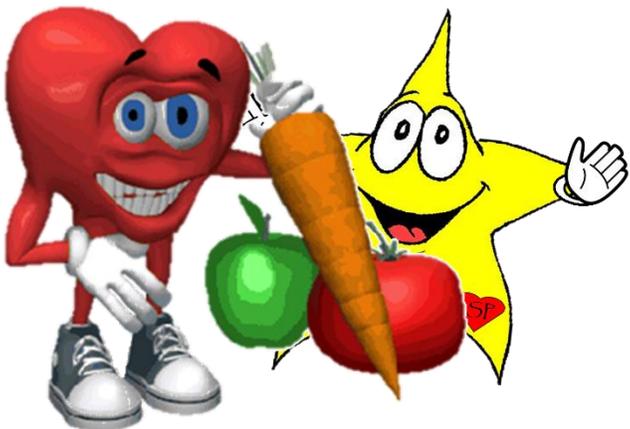
Chapter 2: Family History of Disease

Section 1: Research

Chapter 3: Health Issues of Today

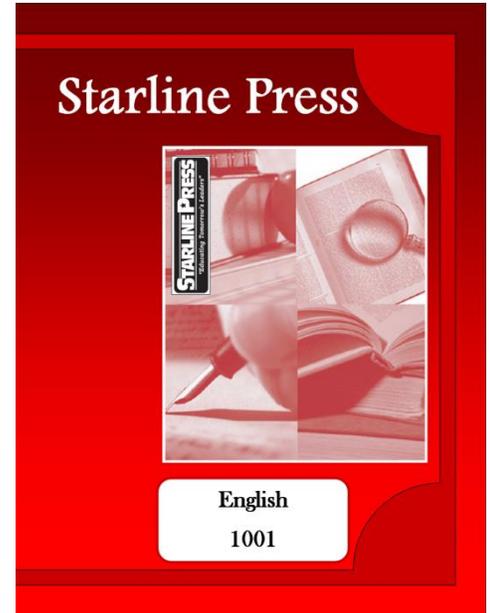
Section 1: Research Project

Section 2: Scoring Rubric for Writing



# 11th Grade LANGUAGE ARTS

Students in the eleventh grade learn to verify and clarify facts presented in expository texts by using a variety of consumer, workplace, and public documents. They study the elements of an investigative research paper, finding sources for a general topic, gathering evidence to support a thesis, and use a rubric to evaluate the thesis. Students study early American literature, Puritan literature, literature of the Southern Colonies, and literature of the Middle Colonies. Eleventh grade students learn public speaking and elements of multimedia presentation. They study narrative and persuasive essays. Students learn business communication, writing cover letters and resumes, and understanding workplace documents.



## E1101

Chapter 1: Modifiers  
 Section 1: Adjectives and Adverbs  
 Section 2: Comparison  
 Section 3: Dangling Modifiers  
 Section 4: Double Negatives  
 Chapter 2: Pronouns  
 Section 1: Nominative Case  
 Section 2: Objective Case  
 Section 3: Who and Whom  
 Section 4: Indefinite Pronouns  
 Section 5: Pronoun-Noun Agreement  
 Chapter 3: Verbs  
 Section 1: Verb Summary  
 Section 2: Past and Present Participles  
 Section 3: Active and Passive Voice  
 Section 4: Troublesome Verbs  
 E1102  
 Chapter 1: Writing a Historical Investigative Research Paper  
 Section 1: Elements of the Investigative Research Paper  
 Section 2: Selecting a Topic & Formulating Research Questions  
 Section 3: Finding Sources for a General Topic  
 Section 4: Narrowing Your Topic  
 Section 5: Thesis Statement for 3Types of Papers  
 Section 6: Gathering Evidence to Support Your Thesis

Section 7: Taking Notes  
 Section 8: Creating an Initial Outline  
 Section 9: Formatting a Bibliography  
 Section 10: Writing an Introduction  
 Section 11: Final Outline  
 Section 12: Rough Draft  
 Section 13: Conclusion  
 Section 14: Revising  
 Section 15: Graphics, Databases, & Spreadsheets  
 Section 16: Editing, Formatting, & Final Bibliography  
 Section 17: Using a Rubric to Evaluate Your Paper  
 E1103  
 Chapter 1: Punctuation  
 Section 1: Colon, Dash, Parentheses, Brackets, Slash, Ellipsis  
 Section 2: Commas  
 Section 3: Semicolons  
 Section 4: Quotation Marks  
 Section 5: Apostrophes  
 Chapter 2: Mechanics  
 Section 1: Spelling  
 Section 2: Capitalization  
 Section 3: Italics  
 Section 4: Acronyms, Abbreviations, Numbers  
 Chapter 3: Usage  
 Section 1: Part A  
 Section 2: Part B

Section 3: Part C  
 E1104  
 Chapter 1: American Literature 1: Early American Literature  
 Section 1: Early American Literature  
 Section 2: Literature of Exploration 7 Early Colon  
 Section 3: Puritan Literature  
 Chapter 2: Lit Continued  
 Section 1: Literature of the Southern Colonies  
 Section 2: Literature of the Middle Colonies  
 Chapter 3: American Lit Project  
 E1105  
 Chapter 1: Writing: Purpose, Audience, Situation  
 Section 1: Purpose  
 Section 2: Audience  
 Section 3: Planning for Writing  
 Chapter 2: Organizing & Drafting  
 Section 1: Finding a Topic  
 Section 2: Developing a Thesis Statement  
 Section 3: Organizing Ideas  
 Section 4: Developing Paragraphs  
 Chapter 3: Revising & Editing  
 Section 1: Titles, Introductions, Conclusions  
 Section 2: Transitions

Section 3: Revising & Proofreading  
E1106  
Chapter 1: Investigative Report  
Section 1: Planning a Historical  
Investigative  
Multimedia Presentation  
Section 2: Purposes & Strategies of  
Media  
Section 3: Fact, Fiction, & Opinion  
Section 4: Images  
Section 5: Media Stereotypes & Bias  
Section 6: Media & Democracy  
Section 7: Elements of Multimedia  
Presentation  
Section 8: Locating & Incorporating  
Images Section 2: Purposes &  
Strategies of Media  
Section 9: Locating & Incorporating  
Sound  
Section 10: Presentation Software &  
Equipment

Section 11: Public Speaking  
Section 12: Putting It All Together &  
Revising  
E1107  
Chapter 1: More Effective Sentences  
Section 1: Parallel Structure  
Section 2: Combining Sentences  
Section 3: Variety  
Chapter 2: Narrative Essay  
Section 1: Using Factual & Personal  
Details  
Section 2: Using Sensory Details  
Section 3: Using Dialogue  
Section 4: Autobiographical Essay  
Section 5: Reflective Essay  
Chapter 3: Persuasive Essay  
Section 1: Elements of Persuasive  
Essay  
Section 2: Opinion Versus Fact  
Section 3: Topic, Opinion, Audience,  
Purpose, Tone

Section 4:  
Support  
Section 5:  
Organization  
E1108

Chapter 1: Business Communication  
Section 1: Audience  
Section 2: The Business Audience  
Section 3: Writing for Different  
Purposes  
Chapter 2: Cover Letters & Resumes  
Section 1: Writing a Cover Letter  
Section 2: Review  
Chapter 3: Workplace Documents  
Section 1: Employee Handbooks  
Section 2: Other Workplace  
Documents  
E1109  
Chapter 1: American Literature 2:  
American Revolution  
Section 1: The Challenge to Find a  
Unique American Voice  
Section 2: Lit that Shaped the  
American Revolution  
Chapter 2: Romanticism  
Section 1: An Emerging American  
Voice  
Section 2: Review  
Chapter 3: Essayists & Poets of the  
Romantic Period  
Section 1: The Transcendentalists  
Section 2: Boston Brahms  
Section 3: Review  
Section 4: American Lit Project  
E1110  
Chapter 1: American Literature 3:  
Realism  
Section 1: The Reformers  
Section 2: Regionalism  
Chapter 2: Naturalism  
Section 1: The Novelists  
Section 2: The Muckrackers  
Section 3: The Chicago Renaissance  
Section 4: Black Literature  
Chapter 3: Modernism,  
Experimentation, & Contemporary  
Literature  
Section 1: Modernism  
Section 2: Poetic Experimentation  
Section 3: Twentieth Century Drama



# 11th Grade SCIENCE (Chemistry)

Students in the eleventh grade learn the branches and languages of chemistry. They study chemical bonds, thermodynamics, mean, and standard deviation. Students study the atomic model, the nucleus of an atom, atomic weight, and mass number. They study development of Quantum Theory and Quantum Mechanics as well as Mendeleev's Contribution. Students learn about elements and energies and the physical properties of matter. Eleventh grade students study nuclear processes, organic chemistry and biochemistry, acids and bases, and reaction rates.

## S1101

### Chapter 1:

Section 1: What is Chemistry?

Section 2: Branches of Chemistry

Section 3: The Scientific Method

Section 4: The Black Box Laboratory

Section 5: The Language of Chemistry

Section 6: Scientific Notation

Section 7: Precision and Accuracy

Section 8: Matter

Section 9: Solids

Section 10: Liquids

Section 11: Gases

Section 12: Mixtures

Section 13: Compounds

Section 14: Energy

Section 15: Calories and Specific Heat

### Chapter 2:

Section 1: The Atom

Section 2: John Dalton

Section 3: The Thomson Model of the Atom

Section 4: Bohr's Model

Section 5: Chemical Bonds

Section 6: Thermodynamics

Section 7: Temperature

Section 8: Density

### Chapter 3:

Section 1: Uncertainty

Section 2: Propagation of Error

Section 3: Mean and Standard Deviation

Section 4: Logarithms

Section 5: Avagadro's Constant

Section 6: The Periodic Table of the Elements

## S1102

### Chapter 1:

Section 1: The Atomic Model

Section 2: Protons, Neutrons, and Electrons

Section 3: Nucleus of an Atom

Section 4: Atomic Weight, Mass

Number

Section 5: Chemical Formula

Section 6: The Millikan Oil Drop

Section 7: Einstein: The Photoelectric Effect and Brownian Motion

Section 8: Development of Quantum Theory and Quantum Mechanics

Section 9: Balloon Orbital Laboratory

### Chapter 2:

Section 1: The Periodic Table

Section 2: Mendeleev's Contribution

Section 3: Relation to Position On the Periodic Table of Atomic Weight, Size and Structure

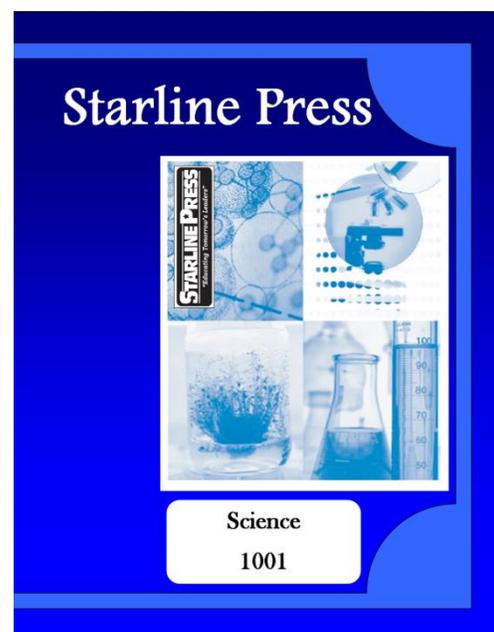
Section 4: Introduction to the Elements

Section 5: Position On the Periodic Table

Section 6: Metals, Alkali Metals and Nonmetals

Section 7: Noble Gases, Halogens, Alkali Earth Metals, and Transition

Metals



### Chapter 3:

Section 1: Number of Electrons in Outer Shell by Position On Table

Section 2: Transition Elements

Section 3: Lanthanide Series, Actinide Series, and Transuranium Elements

Section 4: Reactivity of Elements Based On Position On the Periodic Table

Section 5: Electronegativity

Section 6: Ionization Energies

Section 7: Photons, Planck's Constant, Quanta and Electromagnetic Radiation

Section 8: Energy Levels

Section 9: Spectroscopy

## S1103

### Chapter 1:

Section 1: Physical Properties of Matter

Section 2: The Separation of Mixtures

Section 3: Ionic Bonds

Section 4: Polarity

Section 5: Covalent Bonds

Section 6: Octet Rule

Section 7: Dipole Moments

Section 8: Metallic Bonds, Other Forces

Section 9: Hydrogen Bonds

### Chapter 2:

Section 1: Introduction to Nomenclature

Section 2: How to Determine Different Types of Chemical Bonds and Their Relative Strengths  
Section 3: Molecular Attractions, Including Van Der Waal's Forces  
Section 4: Liquids and the Motions of Molecules  
Section 5: Inorganic Chemistry  
Section 6: Crystals  
Section 7: Types of Crystals  
Section 8: Lattice Points and Structures  
Section 9: Crystals On a String:  
Chapter 3:  
Section 1: How Intermolecular Forces Relate to Volatility, Boiling Points and Melting Points  
Section 2: Lewis Dot Structures  
Section 3: More Periodic Trends  
Section 4: Ionic Radius  
Section 5: Electron Affinity  
S1104  
Chapter 1:  
Section 1: Prediction of Products From Reactants  
Section 2: Electron Configuration  
Section 3: Lewis Structures of Molecules with Multiple Bonds  
Section 4: Electron Orbitals  
Chapter 2:  
Section 1: Pauli Exclusion Principle  
Section 2: Electron Spins  
Section 3: Hund's Rule  
Section 4: S and P Orbitals and Hybridization  
Section 5: Balancing Chemical Equations  
Section 6: Natural Gas Combustion Demonstration  
Section 7: Steps to Balancing an Equation  
Section 8: Chemical Reaction Symbols  
Section 9: Types of Reactions  
Chapter 3:  
Section 1: Predicting the Shapes of Molecules  
Section 2: VSEPR Model  
Section 3: Predicting Molecular Shape Using VSEPR Method

Section 4: The Significance of Avagadro's Number  
Section 5: Calculation of Masses of Reactants and Products  
Section 6: Percent Yield  
Section 7: Limiting Factors, Limiting Reagents  
S1105  
Chapter 1:  
Section 1: Oxidation Numbers  
Section 2: Oxidation-Reduction Reactions  
Section 3: Rules For Assigning Oxidation Numbers  
Section 4: Balancing Redox Reactions  
Section 5: More Balancing of Oxidation Reduction Reactions  
Chapter 2:  
Section 1: How Pressure is Created  
Section 2: Volume and Pressure  
Section 3: Standard Temperature and Pressure (STP)  
Section 4: Barometer Laboratory  
Section 5: The Gas Lawsgas Diffusion  
Section 6: Diffusion and the Mass of Gases  
Section 7: Relationships of Volume, Temperature and Amounts of Gases  
Chapter 3:  
Section 1: Dalton's Laws of Partial Pressures  
Section 2: Kinetic Theory As It Relates to Absolute Temperatures and Energies  
Section 3: Thermal Radiation  
Section 4: Laws of Black-Body Radiation  
Section 5: Phase Changes  
Section 6: Phase Diagrams  
S1106  
Chapter 1:  
Section 1: Superconductivity  
Section 2: Superfluidity  
Section 3: Chemical Equilibrium  
Section 4: Le Châtelier's Principle  
Section 5: The Meaning of the Equilibrium Constant  
Chapter 2:  
Section 1: Forward and Reverse Reactions

Section 2: The Nature of Reversible Reactions  
Section 3: Reaction Rates  
Section 4: Predicting Reaction Direction  
Section 5: Reaction Rates  
Section 6: Introduction to the Chemistry Laboratory  
Chapter 3:  
Section 1: Ionic Reactions  
Section 2: The Acid-Base Chemistry of Water  
Section 3: Predicting Precipitates  
Section 4: The Solubility-Product Constant, Ksp  
Section 5: Calculating Solubilities  
Section 6: Solubility Rules  
S1107  
Chapter 1:  
Section 1: Quantitative Versus Qualitative Chemistry  
Section 2: The Dissolving Process  
Section 3: Parts of Solution  
Section 4: Concentrations of Solutions  
Section 5: Formal Laboratory Report Format  
Section 6: Stoichiometry  
Chapter 2:  
Section 1: Salt, Some History  
Section 2: Water Purification Methods  
Section 3: Chromatography  
Chapter 3:  
Section 1: General Characteristics of Acids and Bases  
Section 2: Definitions of Acid and Base  
Section 3: Arrhenius Acids  
Section 4: Brönsted-Lowry Acids  
Section 5: Lewis Acids  
Section 6: Relative Strengths of Acids and Bases  
Section 7: Strong Acids and the H<sub>3</sub>O<sup>+</sup> and OH<sup>-</sup> Ion Concentrations  
Section 8: Dissociation  
Section 9: The Ph and Poh Scales  
Section 10: Titration  
Section 11: Definition of a Buffer  
Section 12: The Common Ion Effect

Section 13: Henderson-Hasselbalch Equation  
S1108  
Chapter 1:  
Section 1: Exchange and Transformation of Energy  
Section 2: The Second Law of Thermodynamics  
Section 3: Chemical Description of Energy, Work and Heat Flow  
Section 4: What Happens When a Material Melts Or Freezes, Condenses, Or Evaporates?  
Section 5: Terms of Specific Heat  
Section 6: Latent Heat of Phase Change  
Chapter 2:  
Section 1: Purposeful  
Section 2: Physical Chemistry  
Chapter 3:  
Section 1: Rates of Reactions Continued  
Section 2: Rate Law  
Section 3: Factors That Affect Reaction Rates  
Section 4: Catalysts and Inhibitors  
Section 5: Enzymes  
Section 6: Activation Energy  
S1109  
Chapter 1:  
Section 1: Covalent Bond  
Section 2: Hydrocarbons  
Section 3: Aliphatics: Alkanes, Alkenes, Alkynes  
Section 4: Isomers  
Section 5: Nomenclature  
Section 6: Primary, Secondary, and Tertiary Carbons

Chapter 2:  
Section 1: Fractional Distillation  
Section 2: Petroleum Products  
Section 3: Octane Levels  
Section 4: Cyclic Alkanes  
Section 5: History and Importance of Benzene  
Section 6: Functional Groups  
Section 7: The "R" Group



Chapter 3:  
Section 1: Stereochemistry  
Section 2: Monomers  
Section 3: Synthetic Polymers, Plastics  
Section 4: Condensation Reactions  
Section 5: Amino Acid Demonstration

Section 6: Organic Synthesis  
Section 7: Fermentation  
Section 8: Co<sub>2</sub> Production ---"Pop"  
Section 9: Antacid Tablet Race  
S1110  
Chapter 1:  
Section 1: Biological Importance and Use of Acids, Bases and Buffers  
Section 2: Photosynthesis  
Section 3:  
Carbohydrates  
Section 4: Sugars  
Chapter 2:  
Section 1: Responsible  
Section 2: Cycle of Life  
Section 3: Amino Acids  
Section 4: Biological Polymers  
Section 5: Proteins  
Section 6: Watson and Crick, and Franklin!  
Section 7: RNA, DNA  
Section 8: Alpha Double Helix  
Chapter 3:  
Section 1: Nuclear Forces  
Section 2: Fission Reactions  
Section 3: Fusion Reactions  
Section 4: E = Mc<sup>2</sup>  
Section 5: Naturally Occurring Radioactive Isotopes  
Section 6: Half-Lives  
Section 7: Radioactive Decay  
Section 8: Radioactive Dating  
Section 9: Carbon Dating

# 11th Grade SOCIAL STUDIES (US History)

Students in the eleventh grade study the first Americans, early settlements, and the Colonial Period. Students study the state constitutions, the problem of expansion, the extension of slavery, and women's rights. They learn about The Divided South, The Last Frontier, and the plight of the Indians. Students learn about the early presidents and their effects on the United States. They study the booming 1920's, World War II, The Cold War, the culture of the 1950's, and the Vietnam War. Eleventh grade students learn about the Space Program, Presidents Ford, Carter, Reagan, and Bush, and the Gulf War.

## SS1101

### Chapter 1:

Section 1: The First Americans

Section 2: Mound Builders and Pueblos

Section 3: Native American Cultures

Section 4: The First Europeans

### Chapter 2:

Section 1: Early Settlements

Section 2: Jamestown

Section 3: Massachusetts

Section 4: New Netherland and Maryland

### Chapter 3:

Section 1: Colonial-Indian Relations

Section 2: Second Generation of British Colonies

Section 3: Settlers, Slaves and Servants

Section 4: The Colonial Period

## SS1102

### Chapter 1:

Section 1: The Last Straw

Section 2: The Revolution Begins

Section 3: Common Sense and Independence

Section 4: State Constitutions

### Chapter 2:

Section 1: The Problem of Expansion

Section 2: Ratification and the Bill of Rights

Section 3: War of 1812

Section 4: The Second Great Awakening

### Chapter 3:

Section 1: Agrarian Distress and the Rise of Populism

Section 2: Granger Movement

Section 3: The Struggles of Labor

Section 1: Extension of Slavery

Section 2: Latin America and the Monroe Doctrine

Section 3: Women's Rights

### Chapter 4

Section 1: Two Americas

Section 2: Secession and Civil War

Section 3: With Malice Toward None

## SS1103

### Chapter 1:

Section 1: Technology and Change

Section 2: Carnegie and the Era of Steel

Section 3: Corporations and Cities

Section 4: Railroads, Regulations and the Tariff

### Chapter 2:

Section 1: Revolution in Agriculture

Section 2: The Divided South

Section 3: The Last Frontier

Section 4: The Plight of the Indians

### Chapter 3:

Section 1: Ambivalent Empire

Section 2: The Canal and the Americas

Section 3: United States and Asia

## SS1104

### Chapter 1:

Section 1: Revolution in Agriculture

Section 2: The Divided South

Section 3: The Last Frontier

Section 4: The Plight of the Indians

### Chapter 2:

Section 1: Ambivalent Empire

Section 2: The Canal and the Americas

Section 3: United States and Asia

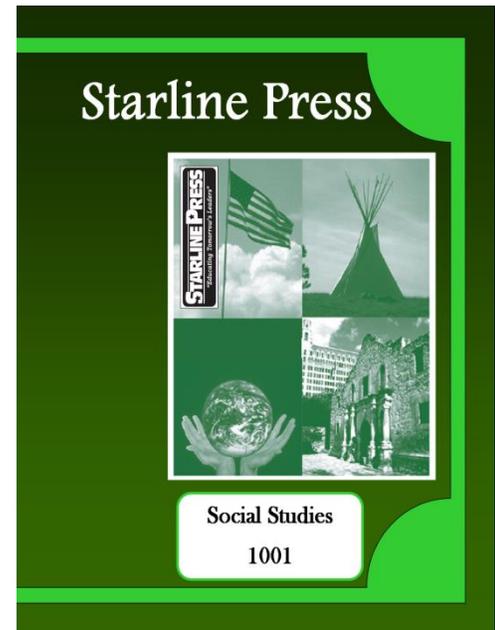
## SS1105

### Chapter 1:

Section 1: War and Neutral Rights War I

Section 2: The League of Nations

Section 3: Postwar Unrest



Section 4: American Federation of Labor

### Chapter 2:

Section 1: The Reform Impulse

Section 2: The Gilded Age

Section 3: Roosevelt's Reforms

Section 4: Interstate Commerce Commission

### Chapter 3:

Section 1: Taft and Wilson

Section 2: Federal Reserve Act

Section 3: a Nation of Nations

Section 4: Immigration

## SS1105

### Chapter 1:

Section 1: War and Neutral Rights War I

Section 2: The League of Nations

Section 3: Postwar Unrest

Section 4: The Booming 1920's

### Chapter 2:

Section 1: Tensions Over Immigration

Section 2: Clash of Cultures

Section 3: The Great Depression

## SS1106

### Chapter 1:

Section 1: Roosevelt and the New Deal

Section 2: Unemployment

Section 3: Agriculture

Section 4: Industry and Labor  
Chapter 2:  
Section 1: The Second New Deal  
Section 2: a New Coalition  
Section 3: Eve of World War II  
Chapter 3:  
Section 1: Japan, Pearl Harbor and War  
Section 2: The War in North Africa and Europe  
Section 3: The War in the Pacific  
Chapter 4:  
Section 1: The Politics of War  
Section 2: War, Victory and the Bomb  
Section 3: Sidebar: The Rise of Industrial Unions  
SS1107  
Chapter 1:  
Section 1: Consensus and Change  
Section 2: Cold War Aims  
Section 3: Harry Truman's Leadership  
Section 4: Origins of the Cold War  
Section 5: Containment  
Section 6: The Cold War in Asia and the Middle East  
Chapter 2:  
Section 1: Eisenhower and the Cold War  
Section 2: The Cold War At Home  
Section 3: The Postwar Economy: 1945- 1960  
Section 4: The Fair Deal  
Section 5: Eisenhower's Approach  
Section 6: Contributions of Americans  
Chapter 3:  
Section 1: The Culture of the 1950's  
Section 2: Origins of the Civil Rights Movement  
Section 3: Desegregation  
SS1108  
Chapter 1:  
Section 1: Kennedy and the New Frontier  
Section 2: Lyndon Johnson and the Great Society  
Section 3: Confrontation Over Cuba  
Section 4: The Space Program  
Chapter 2:  
Section 1: The War in Vietnam  
Section 2: Detente

Section 3: Nixon's Accomplishments and Defeats  
Section 4: The Ford Interlude  
Section 5: The Carter Years  
Section 6: Post-Vietnam Foreign Policy  
Chapter 3:  
Section 1: The Civil Rights Movement 1960-1980  
Section 2: The Women's Movement  
Section 3: The Latino Movement  
Section 4: The Native American Movement  
Section 5: The Counter-Culture and Environmentalism  
SS1109  
Chapter 1:  
Section 1: A Society in Transition  
Section 2: Conservatism and the Rise of Ronald Reagan  
Section 3: The Economy in the 1980s  
Chapter 2:  
Section 1: Foreign Affairs  
Section 2: U.S.-Soviet Relations  
Section 3: Space Shuttle  
Section 4: Iran-Contra and Black Monday  
Chapter 3:  
Section 1: The Presidency of George Bush  
Section 2: Budgets and Deficits  
Section 3: End to the Cold War  
Section 4: The Gulf War  
Section 5: Panama and NAFTA  
Chapter 4:  
Section 1: 1992 Presidential Election  
Section 2: Afterward  
Section 3: Sidebar: a Nation of Immigrants  
Section 4: Sidebar: Third-Party and Independent Candidates  
SS1110  
Chapter 1: Presidents  
George Washington  
John Adams  
Thomas Jefferson  
James Madison  
James Monroe  
John Quincy Adams

Andrew Jackson  
Martin Van Buren  
William Henry Harrison  
John Tyler  
James K. Polk  
Zachary Taylor  
Millard Fillmore  
Franklin Pierce  
James Buchanan  
Abraham Lincoln  
Andrew Johnson  
Ulysses S. Grant  
Rutherford B. Hayes  
James A. Garfield  
Chester A. Arthur  
SS1111  
Chapter 1: Presidents  
Grover Cleveland  
Benjamin Harrison  
William McKinley  
Theodore Roosevelt  
William H. Taft  
Woodrow Wilson  
Warren G. Harding  
Calvin Coolidge  
Herbert C. Hoover  
Franklin D. Roosevelt  
Harry S. Truman  
Dwight D. Eisenhower  
John F. Kennedy  
Lyndon B. Johnson  
Richard M. Nixon  
Gerald R. Ford  
James E. Carter  
Ronald W. Reagan  
George H.W. Bush  
William J. Clinton  
George W. Bush  
Barack Obama  
SS1112  
Chapter 1: Ten Steps to Writing a Term Paper  
Step One: Don't Panic!  
Step Two: Select Your Topic  
Step Three: Figure Out What a Term Paper is So You Can Write One  
Step Four: Develop a Type 3 Question For Your Term Paper

Step Five: Develop a Draft Thesis Statement From Your Type 3 Question  
Step Six: Conduct Your Research and Record the Locations of Your Sources

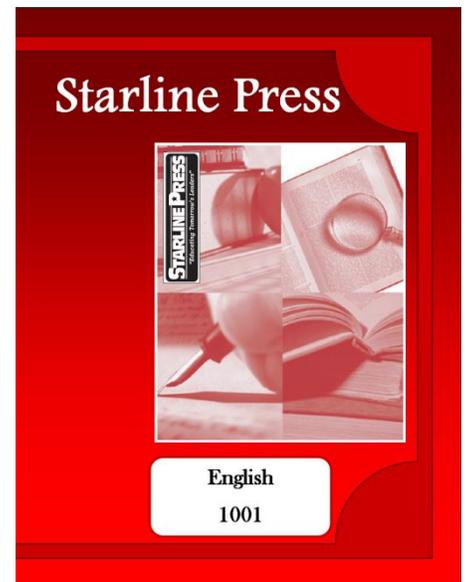
Step Seven: Assemble Note Cards and Write Outline  
Step Eight: Write Your Draft Paper  
Step Nine: Read the Instructor's

Comments and Write Final Draft  
Step Ten: Turn in Your Final Draft to Your Teacher and Celebrate!



# 12th Grade LANGUAGE ARTS

Twelfth grade students study creative writing through ancient epics, the Bible, Renaissance literature, Victorian literature, modern poetry, fantasy, and science fiction. They study speech including storytelling, practical application, delivery, voice, and what is rhetoric. Students study strategies to succeed in public speaking, achieving speaking goals, and how to be a champion public speaker. They study word analysis, reading comprehension, and literary response and analysis. Twelfth grade students learn writing strategies and demonstrate an understanding of the elements of discourse when completing narrative, expository, persuasive, or descriptive writing assignments.



## E1201-Creative Writing

### Chapter 1:

Section 1: Vocabulary—Homophones

Section 2: Writing Exercise: The Big Idea

### Chapter 2:

Section 1: Meaning & Pronunciation

Section 2: Writing Exercise: Avoiding Names

### Chapter 3:

Section 1: Context

Section 2: Writing Exercise: Describing Ugly as Beautiful

### Chapter 4:

Section 1: Synonyms

Section 2: Writing Exercise: Five Senses

### Chapter 5:

Section 1: Vocabulary—Analogy

Section 2: Writing Exercise: Real versus Fantastic

### Chapter 6:

Section 1: Antonym

Section 2: Writing Exercise: Describing an Unfamiliar Place After the Fact

### Chapter 7:

Section 1: Context

Section 2: Writing Exercise: Describing an Unfamiliar Place While Present

Section 3: Writing Exercise: Describing an Unfamiliar Place While Present

Section 4: Writing Exercise: Describing an Unfamiliar Place While Present

### Chapter 8:

Section 1: Homonym

Section 2: Writing Exercise: Character

Opinion

E1202-Creative Writing

### Chapter 1:

Section 1: Vocabulary—Pronunciation & Meaning

Section 2: Writing Exercise: Descriptive Dialogue

### Chapter 2:

Section 1: Vocabulary—Context

Section 2: Writing Exercise: Words from the Departed

### Chapter 3:

Section 1: Synonyms

Section 2: Writing Exercise: Setting: The Effect of Viewpoint

### Chapter 4:

Section 1: Poetry

Section 2: Writing Exercise: Fill in the Bubbles

### Chapter 5:

Section 1: Vocabulary—Analogy

Section 2: Writing Exercise: The Meaning in Names

### Chapter 6:

Section 1: Context

Section 2: Writing Exercise: Creating Aliens & Fantastic Beings

Section 3: Writing Exercise: Creating Aliens & Fantastic Beings

Section 4: Writing Exercise: Creating Aliens & Fantastic Beings

### Chapter 7:

Section 1: Greek & Latin Prefixes & Root Words

Section 2: Prefixes

Section 3: Writing Exercise: Keep Yourself in the Dark

### Chapter 8:

Section 1: Suffixes

Section 2: Writing Exercise: Three Points of View

E1203-Creative Writing

Chapter 1: Ancient Epics Part 1

Section 1: Ancient Epics—The Epic of Gilgamesh

Section 2: Ancient Egyptian Literature

Section 3: Homer

Section 4: The Greek Philosophers

Chapter 2: The Bible

Section 1: Short Stories—Bible Stories

Section 2: Poetry

Section 3: Parables

Chapter 3: Medieval Literature

Section 1: Old English Epic--Beowulf

Section 2: French Epic

Section 3: Tales of King Arthur

Chapter 4: Literature of the Renaissance & Reformation

Section 1: Poetry

Section 2: Two Renaissance Men—Machiavelli & Michelangelo

Section 3: Two Reformers: Erasmus & Luther

Section 4: Writing Exercise: Describing an Unfamiliar Place While Present

Section 5: Writing Exercise: Describing an Unfamiliar Place While Present

E1204-Creative Writing  
Chapter 1: Literature of Elizabethan England  
Section 1: Francis Bacon  
Section 2: Edmund Spenser  
Section 3: Christopher Marlowe  
Section 4: William Shakespeare  
Chapter 2: English Restoration & Enlightenment Literature  
Section 1: John Bunyan  
Section 2: John Locke  
Section 3: Isaac Watts  
Section 4: The Enlightenment  
Section 5: Social Satire  
Section 6: Novels of the Enlightenment  
Chapter 3: Romantic & Victorian Literature  
Section 1: Romantic Novelists  
Section 2: Romantic Poetry  
Section 3: Realism  
Section 4: Victorian Literature  
Section 5: Victorian Poetry  
E1205-Creative Writing  
Chapter 1: New Ideas, Drama, & Novels  
Section 1: New Ideas  
Section 3: Modern Russian Novels  
Section 4: British Novels  
Section 5: Other Novels  
Chapter 2: Modern Poetry, Fantasy, & Science Fiction  
Section 1: Modern Poetry  
Section 2: Modern Fantasy  
Section 3: Modern Science Fiction  
Chapter 3: Response to Literature  
Section 1: Elements of a Plot  
Section 2: Critical Reading of a Novel  
Section 3: Organizing Your Response  
Section 4: Outlining Your Response  
Section 5: Writing Your Response  
Section 4: Giving an Oral Response  
E1206-Speech  
Chapter 1:  
Section 1: What Is Rhetoric  
Section 2: Storytelling  
Section 3: Oral Communication in Colonial America  
Chapter 2:  
Section 1: Aristotle’s Rhetoric  
Section 2: Kenneth Burke’s Dramatism  
Section 3: Walter Fisher’s Narrative Paradigm  
Section 4: Shannon & Weaver’s Model of Communication  
Chapter 3:  
Section 1: Practical Application  
Section 2: Delivery  
Section 3: Voice  
E1207-Speech  
Chapter 1: Strategies to Succeed in Public Speaking  
Section 1: Introduction  
Section 2: Achieving Your Speaking Goals  
Chapter 2: Be a Champion Public Speaker  
Section 1: Introduction  
Section 2: Being a Champion  
Chapter 3: Health & the Public Speaker  
Section 1: Introduction  
Section 2: Benefits of Good Health  
Section 3: Maintaining Good Health  
Chapter 4: Abraham Lincoln’s Gettysburg Address  
Section 1: Introduction  
Section 2: Learning from a Speech  
E1208-Speech  
Chapter 1: Knowledge, Skill & Excellence  
Section 1: Knowledge & Skill in Public Speaking  
Section 2: Excellence in Public Speaking  
Section 3: Benefits of an Excellent Speech  
Chapter 2: Value & the Public Speaker  
Section 1: Providing Valuable Service  
Section 2: Becoming Valuable  
Chapter 3: Know Your Audience  
Section 1: Why Know Your Audience  
Section 2: Be Prepared to Adjust Your Speech  
Chapter 4: Martin Luther King’s “Dream” Speech  
Section 1: Learning from a Speech  
E1209-Speech  
Chapter 1: Using Notes in a Speech  
Section 1: Script Cards & Visual Aids  
Section 2: Review  
Chapter 2: Succeed by Studying Great Speeches I  
Section 1: John F Kennedy’s Inaugural  
Section 2: Review  
Chapter 3: Succeed by Studying Great Speeches II  
Section 1: George W Bush Address to Congress on Terrorist Attack Unit Project  
E1210-Speech  
Chapter 1: Public Speaking  
Section 1: Purpose  
Section 2: Appeals  
Section 3: Diction & Syntax  
Section 4: Nonverbal Communication  
Section 5: Rhetorical Strategies & Devices  
Section 6: Arguments: Deduction 7 Induction  
Section 7: Propositions  
Section 8: Fallacies  
Section 9: Analyzing & Evaluating a Speech  
Section 10: Planning a Persuasive Speech  
Section 11: Choosing a Purpose for a Persuasive Speech  
Section 12: Forming a Proposition  
Section 13: Formulating Appeals with Logic  
Section 14: Rhetorical Devices & Strategies  
Section 15: Writing Out Your Speech  
Section 16: Writing an Introduction & Conclusion  
Section 17: Nonverbal Communication & Rehearsal  
Section 18: Using a Rubric to Evaluate Your Speech

# 12th Grade SOCIAL STUDIES (Economics and Government)

Twelfth grade students study the role of government, the international trade policy, poverty, privatization, economic expansion, and industrial growth. They learn about economic opportunity including small business, franchising, chain stores, the sole proprietor and business partnership. Students learn about stock exchanges, buying stock on margin, commodities futures, market dynamics and Black Monday. They study watchdog agencies, the Federal Reserve, taxation, inflation, savings, and budget imbalances. Twelfth grade students study the American dollar and world economy, developing a financial plan, and a money management checklist.

## SS1201

### Chapter 1: Government's Role in the Economy

#### Section 1: Historical Overview

#### Section 2: The Role of Government

#### Section 3: Industrial Revolution

#### Section 4: International Trade Policy

### Chapter 2: The U.S. Economy and Free Enterprise

#### Section 1: Basic Ingredients

#### Section 2: A Mixed Economy

#### Section 3: Government's Role

#### Section 4: Output of Goods and Services

#### Section 5: Poverty

#### Section 6: Privatization

### Chapter 3: Historical Perspective

#### Section 1: Colonization

#### Section 2: Colonial Economy

#### Section 3: New Nation

#### Section 4: Movement South & West

#### Section 5: Uncertain Economy

#### Section 6: Economic Expansion

#### Section 7: Industrial Growth

#### Section 8: Inventions & Resource Development

#### Section 9: Business Tycoons

#### Section 10: Government Involvement

#### Section 11: Post War Economy

#### Section 12: 12 Years of Change

#### Section 13: The 1980's and 1990's

## SS1202

### Chapter 1: Economic Opportunity For the Individual

#### Section 1: The Sole Proprietor

#### Section 2: The Business Partnership

#### Section 3: Small Business

#### Section 4: Franchising and Chain Stores

### Chapter 2: Large Corporations

#### Section 1: How Corporations Raise Capital

#### Section 2: Advantages and

#### Disadvantages

#### Section 3: Separation of Ownership and Control

#### Section 4: Threat of Monopoly

#### Section 5: Growing Larger, Growing Leaner

### Chapter 3: The Stock Market

#### Section 1: Importance of Dividends

#### Section 2: Annual Report

#### Section 3: Stock Exchanges

#### Section 4: Over-The-Counter Stocks

#### Section 5: Buying Stock On Margin

#### Section 6: Commodities Futures

#### Section 7: Market Dynamics

#### Section 8: "Black Monday"

## SS1203

### Chapter 1: Government Intervention

#### Section 1: Government Influence

#### Section 2: Growth of Government Intervention

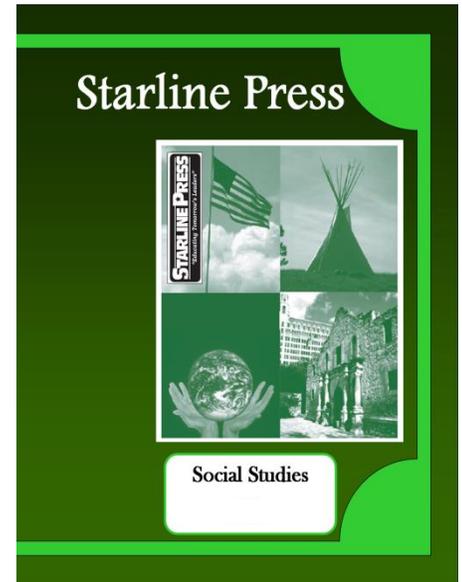
#### Section 3: Federal Efforts to Control Monopoly

#### Section 4: Other Areas of Government Intervention

### Chapter 2: Government Agencies

#### Section 1: Protecting the Environment

#### Section 2: Watchdog Agencies



#### Section 3: Funding Agencies

### Chapter 3: Economic Growth and Stability

#### Section 1: Setting Economic Policy

#### Section 2: The Federal Budget

#### Section 3: Money in the U.S. Economy

#### Section 4: The U.S. Money Supply

#### Section 5: The Federal Reserve

#### Section 6: Fiscal Policy

#### Section 7: Taxation

#### Section 8: Inflation, Savings, and Budget Imbalances

## SS1204

### Chapter 1: Changes in Agribusiness

#### Section 1: Early Farm Policy

#### Section 2: Government Assistance

#### Section 3: Challenges of the 20th Century

#### Section 4: Price and Income Supports

#### Section 5: Farm Policies and World Trade

### Chapter 2 : Industry and Labor

#### Section 1: Impact of Agriculture On Industry

#### Section 2: Industrial Revolution

#### Section 3: The Business Environment

#### Section 4: The Rise of Labor

Section 5: American Federation of Labor	Section 2: Financial Case Study	Section 2: Volunteering
Section 6: The Great Depression	Chapter 4: Protection Against Financial Risk	SS1210
Section 7: The Congress of Industrial Organizations	Section 1: The Emergency Fund	Chapter 1: Congressional Branch
Chapter 3: Labor Issues	Section 2: Insurance	Section 1: Continental Congress
Section 1: The Post-War Period	SS1207	Section 2: Senate
Section 2: Current Labor Issues	Chapter 1: The Influence of History	Section 3: House of Representative
Section 3: Labor Standards	Section 1: Settling the New Country	Chapter 2: Executive Branch
Section 4: Pensions	Section 2: The Revolutionary War	Section 1: The President of the United States
Section 5: Unemployment Insurance	Section 3: Section 1: Philosophical Influences	Section 2: The Vice President
SS1205	Section 4: The Constitution and Bill of Rights	Section 3: The Role of the First Lady
Chapter 1: U.S. Trade	Chapter 2: The Influence of Many Governments	Chapter 3: Judicial Branch
Section 1: Why Trade is Necessary	Section 1: The State Government	Section 1: The Structure of the Federal Courts
Section 2: Protectionism to Liberalized Trade	Section 2: The County	Section 2: Executive and Legislative Branches Interaction
Section 3: Principles of Trade	Section 3: Cities, Towns and Villages	SS1211
Section 4: U.S. Trade Deficit	Chapter 3: Federalism	Chapter 1: Public Opinion and Politics
Chapter 2: The U.S. and World Economy	Section 1: Defining Federalism	Section 1: Nature of Public Opinion
Section 1: The American Dollar and World Economy	Section 2: The Federal System	Section 2: Measuring Public Opinion
Section 2: Development Assistance	Section 3: National Power	Section 3: The Ideology of Public Opinion
Section 3: The Global Economy	SS1208	Chapter 2: The Media
Section 4: Becoming Part of the Global Economy	Chapter 1: Forms of Government	Section 1: Media and Its Relationship to Politicians
Chapter 3: U.S. Economic Growth	Section 1: Democracy	Section 2: Bias of the Media
Section 1: Inflation Or Slow Growth?	Section 2: Monarchy	Section 3: Impact of Media On Politics
Section 2: The Need to Restructure	Section 3: Dictatorship	Chapter 3: Interest Groups and Lobbying
Section 3: How Much Growth	Chapter 2: Political Values and Culture	Section 1: Types of Interest Groups
SS1206	Section 1: Political Values	Section 2: Tactics of Interest Groups
Chapter 1: Personal Financial Planning	Section 2: Political Culture	SS1212
Section 1: Planning Exercise	Section 3: Political Cultural Changes	Chapter 1: Political Parties
Section 2: Benefit of a Plan	Chapter 3: The Constitution and the Bill of Rights	Section 1: History of the Party System
Section 3: Money Management Checklist	Section 1: The Constitution	Section 2: Characteristics of the Party System
Chapter 2: Factors That Influence Decisions	Section 2: The Amendments	Section 3: The Nominating Process
Section 1: Values and Goals	SS1209	Chapter 2: The Voters
Section 2: Age and Stage in the Life Cycle	Chapter 1: Citizenship, an Introduction	Section 1: The American Electorate
Section 3: Education, Income, and Employer Provided Benefits	Section 1: What is a Citizen?	Section 2: Voter Turnout
Section 4: Financial Case Study	Section 2: The Examination	Section 3: Voting
Chapter 3: A Plan to Reach Financial Goals	Section 3: Naturalization	Chapter 3: The Election Process
Section 1: Developing a Financial Plan	Chapter 2: Privileges of Citizenship	Section 1: Presidential Campaigns
	Section 1: Our Rights	Section 2: The Electoral College
	Section 2: The Laws of the Land	
	Section 3: Voting	
	Chapter 3: Responsibilities	
	Section 1: Contributing to Society	

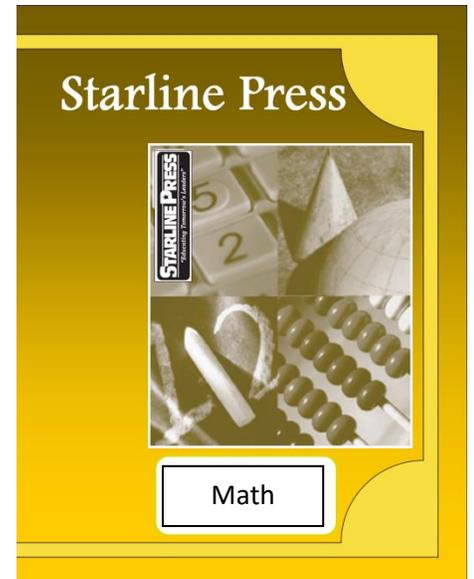
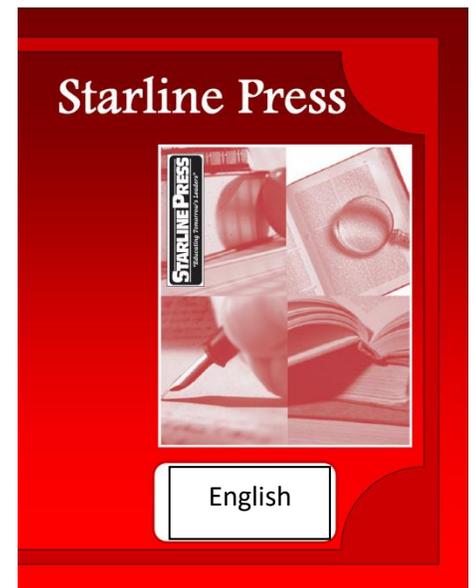
# ENGLISH AND MATH RAPID REVIEW

This course is designed to offer the student a rapid review of the entirety of our English curriculum. Students start by returning to 5th grade concepts and work their way quickly toward 8th grade requirements. This course allows the student who has not reached their English requirements to quickly reach their target level as well as rapidly prepare them for the rigors of high school literary abilities and

- English Rapid Review 4A-4C (The basic concepts of the 4<sup>th</sup> grade reviewed)
- English Rapid Review 5A-5C (The basic concepts of the 5<sup>th</sup> grade reviewed)
- English Rapid Review 6A-6C (The basic concepts of the 6<sup>th</sup> grade reviewed)
- English Rapid Review 7A-7C (The basic concepts of the 7<sup>th</sup> grade reviewed)
- English Rapid Review 8A-8C (The basic concepts of the 8<sup>th</sup> grade reviewed)

This course is designed to offer the student a rapid review of the entirety of our Math curriculum. Students start by returning to 7<sup>th</sup> grade concepts and work their way quickly toward 8th grade requirements. This course allows a student who has not reached their state Math requirements to quickly reach their target level as well as rapidly prepare them for the rigors of high school Algebraic theories

- Math Rapid Review 3A-3C (The basic concepts of the 3<sup>rd</sup> grade reviewed)
- Math Rapid Review 4A-4C (The basic concepts of the 4<sup>th</sup> grade reviewed)
- Math Rapid Review 5A-5C (The basic concepts of the 5<sup>th</sup> grade reviewed)
- Math Rapid Review 6A-6C (The basic concepts of the 6<sup>th</sup> grade reviewed)
- Math Rapid Review 7A-7C (The basic concepts of the 7<sup>th</sup> grade reviewed)
- Math Rapid Review 8A-8C (The basic concepts of the 8<sup>th</sup> grade reviewed)



# ART

The art student learns perceptual skill, artist research, material & media, and creative expression. They create art projects and study examples of art and artists in history and cultures. Students also study media and art, and careers in art.

## A101

### Chapter 1: Perceptual Skills

#### Section 1: The Principles of Design

#### Section 2: Dominance and Subordination

### Chapter 2: Artist Research

#### Section 1: Choose an Artist

#### Section 2: Select a Work to Study

#### Section 3: Description of the Artist's Work

### Chapter 3: Material and Media

#### Section 1: Materials in Art

#### Section 2: The Influence of Materials on

#### Meaning in Art

#### Section 3: Comparing Electronic Media and Traditional Materials

## A102

### Chapter 1: Creative Expression

#### Section 1: Posters/Flyers

#### Section 2: Illustrate a

#### Children's Book

#### Section 3: 3-D Art

#### Section 4: Paper Stained Glass Window

#### Section 5: Origami Project

#### Section 6: Electronic Art

#### Section 7: Make a Graph

#### Section 8: Observational Drawing

## A103

### Chapter 1: Art Projects

#### Section 1: Explore Style and Media

### Chapter 2: Culture and the Purpose of Art

#### Section 1: Historical Background of Art in Cultures:

### Chapter 3: Examples of Art and Artists in History and Cultures

#### Section 1: Cave Painting

#### Section 2: African Art

#### Section 3: Mayan Art

#### Section 4: Egyptian Art

#### Section 5: Greek Art

#### Section 6: Chinese Art

#### Section 7: Renaissance Art

#### Section 8: Baroque Art

#### Section 9: Impressionism

#### Section 10: Post Impressionism

#### Section 11: Native American Art

#### Section 12: Japanese Arts

#### Section 13: Hudson River School

#### Section 14: Symbolism; Expressionist

#### Section 15: The Harlem Renaissance

#### Section 16: Pop Art

#### Section 17: Cubism

#### Section 18: Surrealism



## A104

### Chapter 1: Art Through Cultures

#### Section 1: Introduction

#### Section 2: The Models of Material Culture Interpretation

#### Section 3: Studies in Multicultural Art

#### Section 4: The Changing Interpretation of Art

#### Section 5: Mata Ortiz Pottery

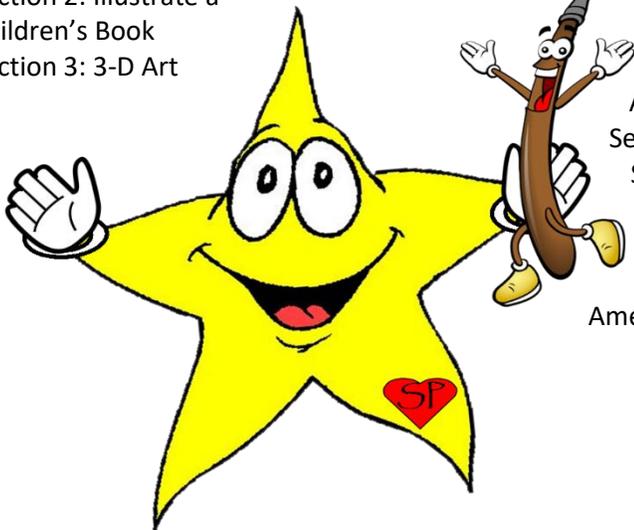
## A105

### Chapter 1: Media and Art

### Chapter 2: Careers in Art

### Chapter 3: Art Project: Cross Cultural Collage

### Chapter 4: Advertising Campaign for Theater Program



# AUTOMOTIVE TECHNOLOGY

An introductory course designed for automotive students that provides theory for a foundation in the field of automotive technology. All systems of the automobile are covered.

## AT101

Chapter 1: Intro to Automotive Technology

Section 1: Intro, Automobile Engines, Modern Car Energy

Section 2: Engine Types, How an engine works

Section 3: Oiling System, Engine Cooling, Engine Balance

Chapter 1 Review

Chapter 2: Charging System

Section 1: Charging Systems

Section 2: Alternator

Section 3: Voltage Regulator

Chapter 2 Review

Chapter 3: Ignition

Section 1: Ignition Systems

Section 2: Mechanical Ignition System

Section 3: Electronic Ignition System

Section 4: Distributorless Ignition System

Chapter 3

Review

## Unit Review

### AT102

Chapter 1: Automatic Transmission

Section 1: What is a transmission?

Section 2: Transmission Components

Section 3: Clutch Packs

Chapter 1 Review

Chapter 2: Oil Pump

Section 1: Oil Pump

Section 2: Spotting Problems

Section 3: Transmission Repairs

Chapter 2 Review

Chapter 3: Brakes

Section 1: Brakes

Section 2: Brake Fluid

Section 3: Drum Brakes

Chapter 3 Review

### AT103

Chapter 1: Wheel Alignment

Section 2: Advanced wheel alignment information

Section 3: More alignment information

Chapter 1 Review

Chapter 2: Hybrid Power systems for the new millennium

Section 2: Hybrid Cars

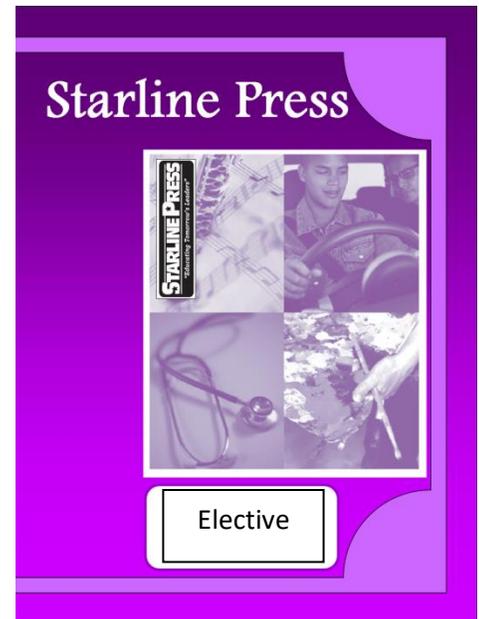
Section 3: The Nuts and Bolts

Chapter 2 Review

Chapter 3: Understanding your Dashboard Gauges

Section 2: Temperature Gauge and Warning Lamp

Section 3: Automotive Air Conditioning system



Elective

## Chapter 3 Review

### AT104

Chapter 1

Section 1: cooling system

Section 2: fuel system

Section 3: emission control

Chapter 2

Section 1: automobile battery

Section 2: the starting system

Section 3: on board diagnostics

Chapter 3

Section 1: under hood checks

Section 2: oil change

Section 3: washing

### AT105

Chapter 1

Section 1: My car

Section 2: Dead battery

Section 3: Fluid investigator

Chapter 2

Section 1: Name that tune

Section 2: Alignment and balance

Section 3: Tire rotation

Chapter 3

Section 1: Tune up

Section 2: Windshield IQ

Section 3: Jumping your car



# BUSINESS

Business students study how business is organized in the United States, starting a business, recruiting, interviewing, hiring, staffing, and personnel management. Students study managing assets, financing alternatives, and investments.

**B101**  
 Chapter 1: Business and the Benefit of Studying It  
 Section 1: Definition of Business  
 Section 2: Why Study Business?  
 Chapter 2: Goals of Business  
 Section 1: Main Goal of Business  
 Section 2: Sovereignty of the Customer  
 Section 3: Goal of Marketing  
 Chapter 3: The American Economic System  
 Section 1: Comparison of Economic Systems  
 Section 2: Capitalism in America

**B102**  
 Chapter 1: Business in Colonial America  
 Chapter 2: Industrial Revolution  
 Chapter 3: Information Age  
 Section 1: 1945-1969  
 Section 2: 1970-2000

**B103**  
 Chapter 1: Economic Systems and Needs  
 Section 1: Capitalism  
 Section 2: Socialism  
 Section 3: Communism  
 Section 4: Economic Needs  
 Chapter 2: How Business is Organized in the United States  
 Section 1: Public Utility  
 Section 2: Cooperative  
 Section 3: Nonprofit Corporation

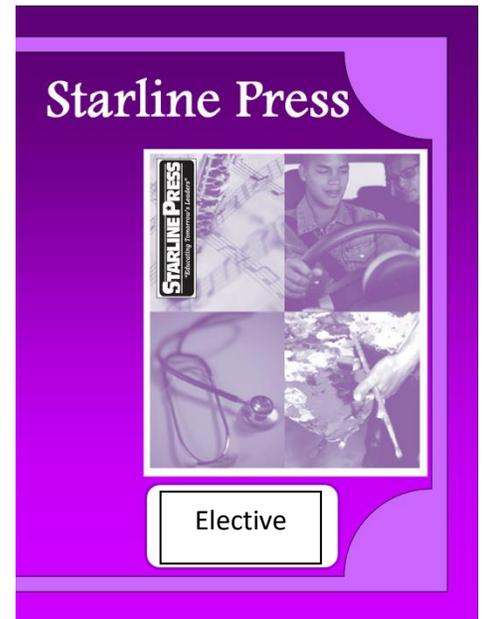
Section 4: Municipal Corporation  
 Section 5: Single Proprietorship  
 Section 6: Partnership  
 Section 7: Corporation  
 Section 8: Management  
 Section 9: Workers  
 Chapter 3: Business Cycles

**B104**  
 Chapter 1: Starting a Business  
 Section 1: E-Commerce  
 Section 2: Business Risks  
 Chapter 2: Government and Business  
 Section 1: Structure and Role of Government  
 Section 2: Government regulations  
 Chapter 3: Business Contracts and Credits  
 Section 1: Contracts  
 Section 2: Buying—Selling on Credit  
 Section 3: Financing

**B105**  
 Chapter 1: Recruiting, Interviewing, and Hiring  
 Section 1: Recruiting  
 Section 2: The Interview  
 Section 3: The Hiring Process  
 Chapter 2: Staffing and Personnel Management  
 Section 1: Training  
 Section 2: Personnel Department  
 Section 3: Compensation

Chapter 3: Labor and Management  
 Section 1: Organized Labor  
 Section 2: Management Objectives  
 Section 3: Labor Management Relations

**B106**  
 Chapter 1: Managing Assets  
 Section 1: Planning the Use of Income  
 Section 2: Defining Assets  
 Section 3: Inflation and Deflation  
 Chapter 2: Financing Alternatives  
 Section 1: Short Term Financing  
 Section 2: Long Term Financing  
 Section 3: Alternative Financing  
 Chapter 3: Investments  
 Section 1: Savings  
 Section 2: Product and Real Estate  
 Section 3: Stocks and Bonds



# COMPARITIVE RELIGION

Comparative Religion Designed as an elective for the advanced (11th and 12th grade) high school students, who are beginning to rationally think about God, Faith and Belief. This course is designed to give the student an objective look at the world's infinitely different faiths.

## Unit 101

Chapter 1- World Faith Geographically  
Introduction the Religion  
Basics of Creation across Faiths  
Chapter 2- Uses of Imagery in World Religions  
Totems  
Political Implications of Images  
Cultural Relevance  
Chapter 3- Historical Relevance of Faith  
Movement of faith from 10000 B.C. – Reformation

## Unit 102

Chapter 1- Origins of Christianity

Creation Story/Deviation from Judaism

Personage of Jesus  
Chapter 2- Ideals  
Totems and Their Uses  
Major Players  
Chapter 3- Reformation  
Personage of Martin Luther  
Contemporary Denominations and Synods

## Unit 103

Chapter 1- Islam  
Origin Story  
Major Prophets of Islam  
Major Beliefs  
Chapter 2- Judaism

Origin Story  
Characteristics

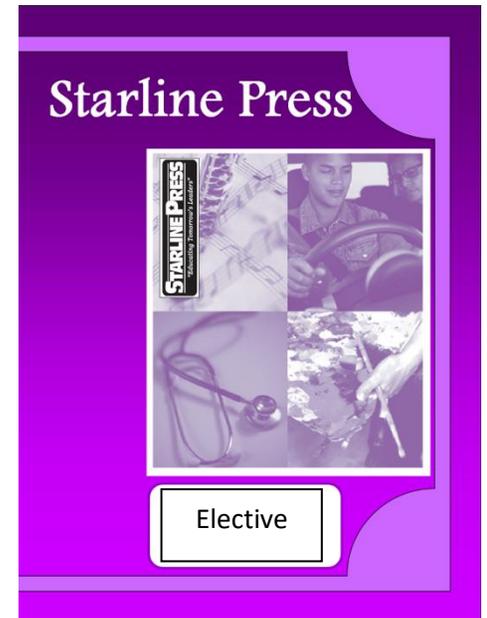
Tenets  
Major Texts  
Chapter 3- Contemporary Struggle  
Denominations of Islam  
Discuss  
Denominations of Judaism  
Current Relationship

## Unit 104

Chapter 1-Buddhism  
Origin  
History of Gautama Buddha  
Cultural Relevance  
Chapter 2- Hinduism  
Origin  
Major Deities  
Major Hindu Denominations  
Chapter 3- Other Faiths of India  
Jainism  
Sikhism  
The Baha'I Faith  
Zoroastrianism

## Unit 105

Chapter 1- Confucianism  
Overview  
Confucianism and Education  
Chapter 2- Taoism  
Overview  
Modern Impact on Culture  
Chapter 3- Other Faiths of China  
Chinese Folk Religions  
Shenism  
Mazuism  
Alchemy



# CONSUMER MATH

Consumer math students learn basic math skills as well as checking accounts, deposits, bank statements, data analysis, and fractions. They learn the metric system and basics in geometry.

## CM101

Chapter 1: Adding Whole Numbers

Section 1: Addition

Section 2: Positive and Negative Numbers

Chapter 2: Checking and Decimals

Section 1: Checking

Section 2: Decimals

Chapter 3: Percentages and Application

Section 1: Percentages

Section 2: Application

## CM102

Chapter 1: Subtracting Whole Numbers

Section 1: Subtraction

Section 2: Borrowing in Subtraction

Chapter 2: Positive and Negative Numbers and Decimals

Section 1: Positive and Negative Numbers

Section 2: Subtracting Larger Numbers

Section 3: Decimals

Section 4: Percentages

Chapter 3: Subtraction of Multiple Numbers and Application

Section 1: Subtraction of Multiple Numbers

Section 2: Mixed Questions

Section 3: Application

## CM103

Chapter 1: Checking Accounts and Checks

Section 1: Banks and Checking Accounts

Section 2: Parts of a Check

Chapter 2: Deposits and Deposit Slips

Section 1: Deposits and Deposit Slips

Section 2: Checking Addition and Subtraction

Chapter 3: Check Rosters, Bank Statements, and Balancing

Section 1: Bank Statements

## CM104

Chapter 1: Multiplying Whole Numbers and Decimals

Section 1: Multiplication

Section 2: Multiplying Numbers with Multiple Digits

Section 3: Multiplying Numbers with Decimals

Chapter 2: Multiplication Questions with More Digits and Signed Numbers

Section 1: Multiplication Questions with More Digits

Section 2: Multiplying Signed Numbers

Section 3: Multiplying Percentages

Chapter 3: Questions of Multiple Operations and Application

Section 1: Questions of Multiple Operations

Section 2: Application

## CM105

Chapter 1: Dividing Whole Numbers

Section 1: Division

Section 2: Division Written Vertically

Section 3: Remainders

Section 4: Long Division

Chapter 2: Division with Decimals, Signed Numbers, and Checking

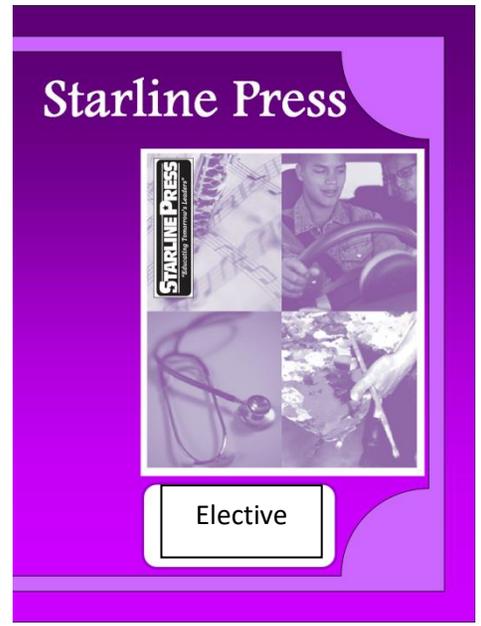
Section 1: Division with Decimals

Section 2: Division with Signed Numbers

Section 3: Checking Multiplication Using Division

Section 4: Checking Division Using Multiplication

Chapter 3: Questions of Multiple Operations and Application



Section 1: Questions of Multiple Operations

Section 2: Application

## CM106

Chapter 1: Fractions

Section 1: Principles of Fractions

Section 2: Proper Fractions, Improper Fractions, and Mixed Numbers

Section 3: Reducing Fractions

Section 4: Adding and Subtracting Fractions

Section 5: Manipulation of Improper Fractions, and Mixed Numbers

Section 6: Multiplying Fractions

Chapter 2: Least Common Denominators, Division and Signed Numbers

Section 1: Least Common Denominators

Section 2: Dividing Fractions

Section 3: Signed Numbers

Chapter 3: Percentages, Multiple Operations, and Application

Section 1: Converting Fractions to Percentages

Section 2: Converting Percentages to Fractions

Section 3: Questions Requiring Multiple

Mathematical Operations

Section 4: Application

# CREATIVE WRITING

Creative writing students study vocabulary, meaning, context, and present writing examples. They study ancient epics, the Bible, medieval literature, poetry, and romantic and Victorian literature.

## E1201-Creative Writing

### Chapter 1:

Section 1: Vocabulary—Homophones

Section 2: Writing Exercise: The Big Idea

### Chapter 2:

Section 1: Meaning & Pronunciation

Section 2: Writing Exercise: Avoiding Names

### Chapter 3:

Section 1: Context

Section 2: Writing Exercise: Describing Ugly as Beautiful

### Chapter 4:

Section 1: Synonyms

Section 2: Writing Exercise: Five Senses

### Chapter 5:

Section 1: Vocabulary—Analogy

Section 2: Writing Exercise: Real versus Fantastic

### Chapter 6:

Section 1: Antonym

Section 2: Writing Exercise: Describing an Unfamiliar Place After the Fact

### Chapter 7:

Section 1: Context

Section 2: Writing Exercise: Describing an Unfamiliar Place While Present

### Chapter 8:

Section 1: Homonym

Section 2: Writing Exercise: Character Opinion

## E1202-Creative Writing

### Chapter 1:

Section 1: Vocabulary—Pronunciation & Meaning

Section 2: Writing Exercise: Descriptive

## Dialogue

### Chapter 2:

Section 1: Vocabulary—Context

Section 2: Writing Exercise: Words from the Departed

### Chapter 3:

Section 1: Synonyms

Section 2: Writing Exercise: Setting: The

Effect of Viewpoint

### Chapter 4:

Section 1: Poetry

Section 2: Writing Exercise: Fill in the Bubbles

### Chapter 5:

Section 1: Vocabulary—Analogy

Section 2: Writing Exercise: The Meaning in Names

### Chapter 6:

Section 1: Context

Section 2: Writing Exercise: Creating Aliens & Fantastic Beings

### Chapter 7:

Section 1: Greek & Latin Prefixes & Root Words

Section 2: Prefixes

Section 3: Writing Exercise: Keep Yourself in the Dark

### Chapter 8:

Section 1: Suffixes

Section 2: Writing Exercise: Three Points of View

## E1203-Creative Writing

### Chapter 1: Ancient Epics Part 1

Section 1: Ancient Epics—The Epic of Gilgamesh

Section 2: Ancient Egyptian Literature

## Starline Press



Elective

Section 3: Homer

Section 4: The Greek Philosophers

Chapter 2: The Bible

Section 1: Short Stories—Bible Stories

Section 2: Poetry

Section 3: Parables

Chapter 3: Medieval Literature

Section 1: Old English Epic--Beowulf

Section 2: French Epic

Section 3: Tales of King Arthur

Chapter 4: Literature of the Renaissance & Reformation

Section 1: Poetry

Section 2: Two Renaissance Men—Machiavelli & Michelangelo

Section 3: Two Reformers: Erasmus & Luther

## E1204-Creative Writing

Chapter 1: Literature of Elizabethan England

Section 1: Francis Bacon

Section 2: Edmund Spenser

Section 3: Christopher Marlowe

Section 4: William Shakespeare

Chapter 2: English Restoration & Enlightenment Literature

Section 1: John Bunyan

Section 2: John Locke

Section 3: Isaac Watts

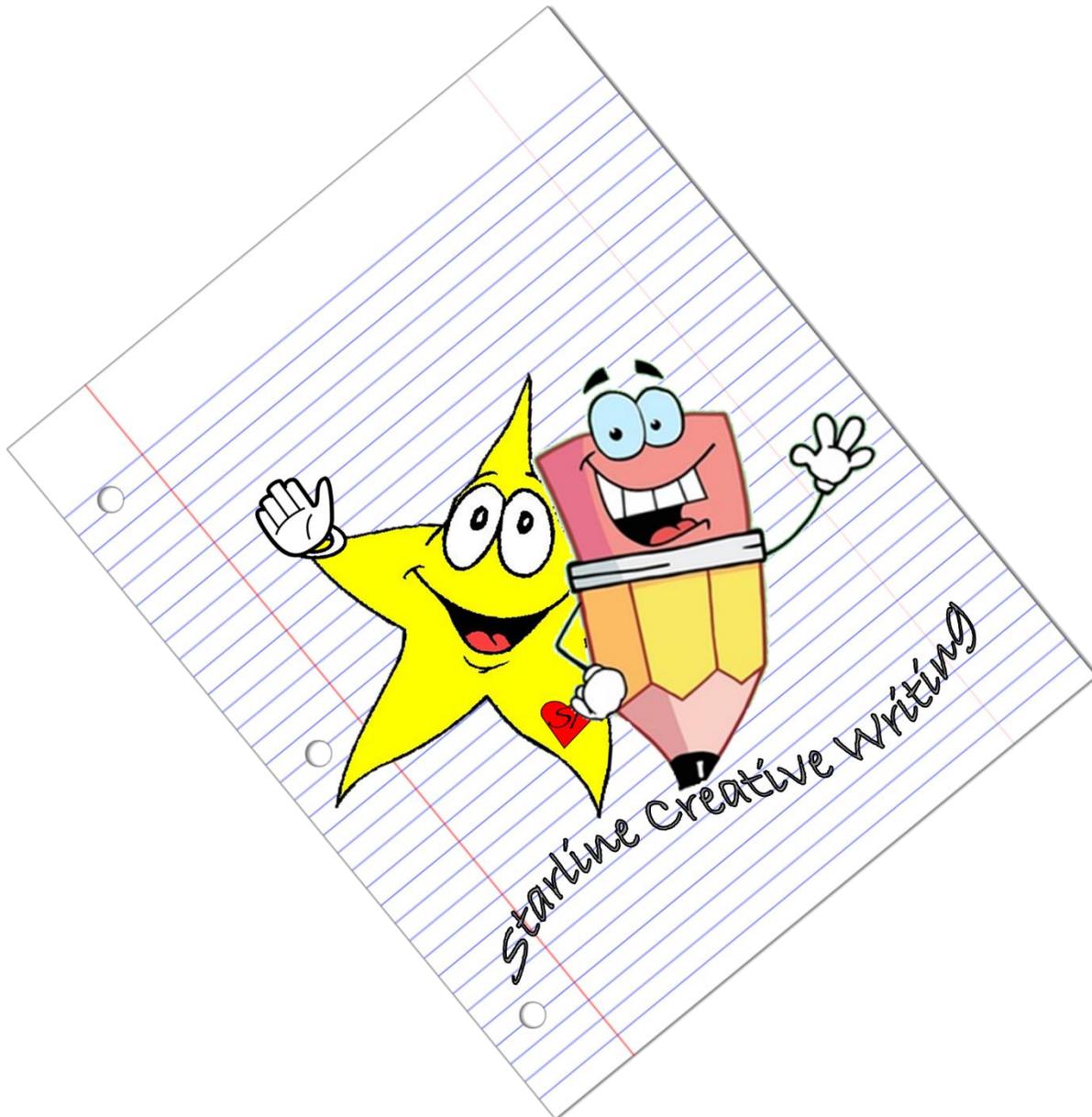
Section 4: The Enlightenment

Section 5: Social Satire

Section 6: Novels of the Enlightenment  
Chapter 3: Romantic & Victorian Literature  
Section 1: Romantic Novelists  
Section 2: Romantic Poetry  
Section 3: Realism  
Section 4: Victorian Literature  
Section 5: Victorian Poetry  
E1205-Creative Writing

Chapter 1: New Ideas, Drama, & Novels  
Section 1: New Ideas  
Section 2: Modern Drama  
Section 3: Modern Russian Novels  
Section 4: British Novels  
Section 5: Other Novels  
Chapter 2: Modern Poetry, Fantasy, & Science Fiction  
Section 1: Modern Poetry

Section 2: Modern Fantasy  
Section 3: Modern Science Fiction  
Chapter 3: Response to Literature  
Section 1: Elements of a Plot  
Section 2: Critical Reading of a Novel  
Section 3: Organizing Your Response  
Section 4: Outlining Your Response  
Section 5: Writing Your Response  
Section 4: Giving an Oral Response



# DRIVERS EDUCATION

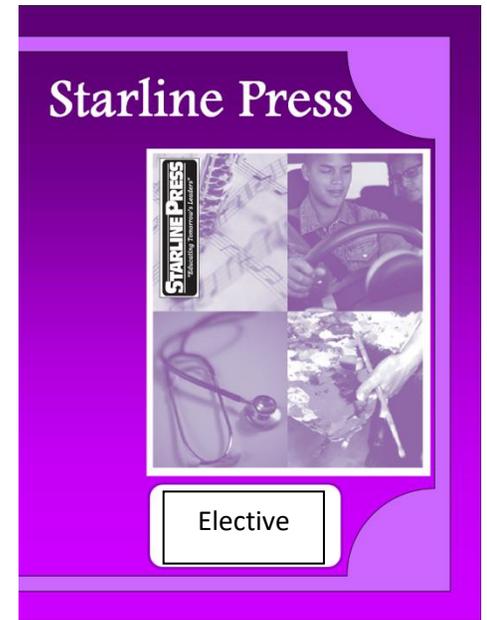
Students learn the rules of the road, seeing and communicating. They study speed, space, sharing the road, and emergencies, avoiding collisions, and safety devices. They learn about the dangers of alcohol, insurance, and the point system.

## DE101

Chapter 1: Begin at the End—The Test  
 Chapter 2: The California License  
 Section 1: Now We're Getting Somewhere  
 Section 2: Positive and Negative Numbers  
 Section 3: Checking  
 Section 4: Basic Drivers License Information  
 Section 5: The Driver License Process  
 Chapter 3: Administrative Information  
 Section 1: General Notification Rules  
 Section 2: Character Traits  
 Section 3: Character in Action

## DE102

Chapter 1: Rules of the Road  
 Section 1: Traffic Signs & Signals  
 Section 2: Use of Lanes and Turns  
 Section 3: Parking  
 Chapter 2: Seeing and Communicating  
 Section 1: Seeing Well  
 Section 2: Looking Behind  
 Section 3: Communicating to Other Drivers  
 Chapter 3: Speed, Space, and Sharing the Road  
 Section 1: Adjusting Speed  
 Section 2: Keeping a Space Margin



## Section 3: Sharing the Road

## DE103

Chapter 1: Emergencies, Avoiding Collisions, Safety Devices  
 Section 1: Driving Emergencies  
 Section 2: Avoiding Collisions, Steering  
 Section 3: Safety Devices  
 Chapter 2: Other Vehicles, DUI  
 Section 1: Motorcycles, Mopeds, Bicycles & All Terrain Vehicles  
 Section 2: The Dangers of Alcohol  
 Section 3: The Laws  
 Chapter 3: Emotions, Your Vehicle, Insurance and the Point System  
 Section 1: Dealing with Emotions  
 Section 2: Your Vehicle  
 Section 3: Insurance Laws and the Points System

# HEALTH

Health students study preventing disease, weight issues, emotions, risky behavior, mental disorders, and communicable diseases.

## HL101

Chapter 1: Five Fundamental Elements of Food

Section 1: Proteins, Carbohydrates, Fats

Section 2: Vitamins & Minerals

Section 3: Other Essential Ingredients in Food

Section 4: Food Labels

Chapter 2: Climb the Pyramid to Good Health

Section 1: Six Major Food Groups

Section 2: Food Guide Pyramid

Section 3: Dietary Guidelines & Nutritional Claims

Chapter 3: Weighty Issues

Section 1: Gaining & Losing Weight

Section 2: Smart Snacking & Fast Food

Section 3: Get Moving

## HL102

Chapter 1: Healthy Choices Prevent Disease

Section 1: Reduce Your Risk of Disease with Diet & Exercise

Section 2: Common Health Issues

Chapter 2: Stress & Communication

Section 1: Stress

Section 2: Communication

Section 3: Judgment or Observation

Section 4: Setting Boundaries

Chapter 3: Risky Behavior: Sexually Transmitted Diseases; Drugs; Alcohol

Section 1: Sexually Transmitted Diseases

Section 2: HIV/Aids

Section 3: Alcohol

## Section 4: Tobacco Use

## HL103

Chapter 1: Emotions

Section 1: Why Am I So Moody

Section 2: Mind-Body Connections

Section 3: Taming the Temper Tiger

Section 4: How to Deal with

Uncomfortable Emotions

Chapter 2: Dealing with Life's Crises

Section 1: Cause of Loss & Grief

Section 2: Five Stages of Loss & Grief

Section 3: Coping with Depression

Chapter 3: Suicide

Section 1: Why Do Teens Try to Kill Themselves

Section 2: How to Recognize the

Warning Signs of Suicide

Section 3: What If It's You or Someone You Know

## HL104

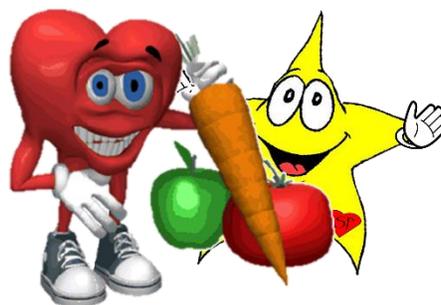
Chapter 1: Personality

Section 1: Why Study Personality

Section 2: What Influences Personality Development

Section 3: What is Your Personality Type

Chapter 2: Mental Disorders



## Starline Press



Elective

Section 1: Anxiety Disorders

Section 2: Eating Disorders

Section 3: Mood Disorders

Section 4: Personality Disorders

Section 5: Schizophrenia

Chapter 3: Addiction

Section 1: A Teen's Guide to Common Addictions

Section 2: Signs of an Addiction

Section 3: Codependence

Chapter 4: Treatment for Mental Disorders & Addiction

Section 1: Who Treats Disorders & Addictions

Section 2: What is Therapy

## HL105

Chapter 1: Communicable Diseases

Section 1: Immune System, Pathogens: How Diseases Are Spread

Section 2: Other Communicable Diseases

Section 3: Research a communicable Disease

Chapter 2: Family History of Disease

Section 1: Research

Chapter 3: Health Issues of Today

Section 1: Research Project

Section 2: Scoring Rubric for Writing

# HOME ECONOMICS

Home economics students study basic nutrition, menu planning, kitchen equipment, cooking, kitchen maintenance, and maintaining your home. They learn budgets, earning money, and understanding

## HE101

### Chapter 1: Basic Nutrition

#### Section 1: Nutrition Overview

#### Section 2: The Food Pyramid

#### Section 3: What's in it for Me?

#### Section 4: A Closer Look at Fat

#### Section 5: Sweet or Salty?

### Chapter 2: Menu Planning

### Chapter 3: Basic Kitchen Equipment

#### Section 1: Major Appliances

#### Section 2: Kitchen Tools

## HE102

### Chapter 1: Basics

#### Section 1: Cooking Terms

#### Section 2: Those Essential Ingredients

#### Section 3: Shopping for Food

### Chapter 2: Meaty Main Dishes

### Chapter 3: Meatless Main Dishes

## HE103

### Chapter 1: Cooking with Fruits and Vegetables

#### Section 1: Fruits

#### Section 2: Vegetables

### Chapter 2: Grains

#### Section 1: Pasta and Rice Side Dishes

#### Section 2: Quick Breads

### Chapter 3: Desserts

## HE104

### Chapter 1: Table Setting

#### Section 1: Dish Basics

#### Section 2: Types of Table Settings

#### Section 3: Cutlery

### Chapter 2: Kitchen Maintenance

#### Section 1: Working Efficiently

#### Section 2: A Clean Kitchen

#### Chapter 3: Maintaining your Home

#### Section 1: Staying Organized

#### Section 2: Keeping Clean

#### Section 3: Household Cleaners

#### Section 4: Taking Care of Your Clothes

## Starline Press



Elective

### Section 5: Survival Sewing

## HE105

### Chapter 1: Home Sweet Home

#### Section 1: Types of Homes

#### Section 2: Weighing the Options

### Chapter 2: Furnishing Your Home

#### Section 1: Furniture Styles

#### Section 2: Choosing Your Furnishings

### Chapter 3: Accessories

#### Section 1: Types of Accessories

#### Section 2: Choosing Accessories

## HE106

### Chapter 1: Understanding Bank Accounts

#### Section 1: Saving

#### Section 2: Checking Accounts

### Chapter 2: Earning Money

#### Section 1: Preparing for Employment

#### Section 2: Getting a Job

#### Section 3: Keeping a Job

### Chapter 3: Basic Budget

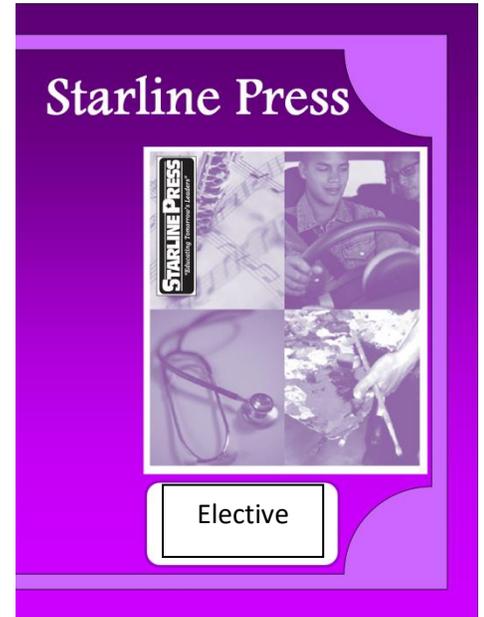
#### Section 1: Starting a Budget

#### Section 2: Make a Budget Work



# INTRODUCTION TO PSYCHOLOGY

Welcome to Psychology. Have a seat and make yourself comfortable, we are about to start class. Psych 101 is a general psychology course. This course represents a summary of the major theories, concepts, and treatment approaches in the field of psychology.



## PSY101

Unit 1 Introduction to Psychology and Research Methods

- Section 1: Introduction to Psychology
- Section 2: Influence of Research on Psychology
- Section 3: Experimental Research
- Section 4: Types of Research

## PSY102

Unit 2 Biopsychology

- Section 1: Mind Body Connection
- Section 2: Neurotransmitters
- Section 3: The Brain and Nervous System

## PSY103

Unit 3 Personality Development

- Section 1: Introduction to Development, Personality, and Stage Theories
- Section 2: Motor and Cognitive Development
- Section 3: Erikson's Stages of Psychosocial Development
- Section 4: Freud's Stages of Psychosexual Development
- Section 5: Freud's Structural and Topographical Model
- Section 6: Freud's Ego Defense Mechanisms
- Section 7: Kohlberg's Stages of Moral Development

## PSY104

Unit 4 Learning and Behavioral Psychology

- Section 1: Introduction to Learning Theory and Behavioral Psychology
- Section 2: Classical and Operant Conditioning
- Section 3: Reinforcement and Reinforcement Schedules

## PSY105

Unit 5 Sensation and Perception

- Section 1: Introduction
- Section 2: Sensation
- Section 3: Perception

## PSY106

Unit 6 Memory, Intelligence and States of Mind

- Section 1: Introduction
- Section 2: Memory and Forgetting
- Section 3: Intelligence
- Section 4: Relaxation and Hypnosis

## PSY107

Unit 7 Motivation and Emotion

- Section 1: Introduction
- Section 2: Motivation
- Section 3: Emotion

## PSY108

Unit 8 Social Psychology

Section 1: Introduction to Social Psychology

- Section 2: Our View of Self and Others
- Section 3: Obedience and Power
- Section 4: The Role of Groups

## PSY109

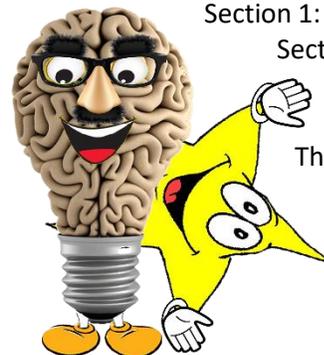
Unit 9 Psychopathology

- Section 1: Introduction and History of Mental Illness
- Section 2: Classifying Psychopathology
- Section 3: Psychiatric Disorders
- Section 4: Stigma, Stereotyping, and the Mentally Ill

## PSY110

Unit 10 Psychotherapy

- Section 1: Introduction
- Section 2: Types of Psychotherapy
- Section 3: Therapy Providers



# MUSIC

Music students study an introduction to music, music history, world music, and classical music. They learn the eight elements of music and scales and intervals. Students also study careers in music.

## MU101

Chapter 1: Introduction to Music, Rhythm and Form

Section 1: Rhythm

Section 2: Meter

Section 3: Note Values

Section 4: Time Signature

Section 5: Tempo

Chapter 2: Introduction to Instruments

Chapter 3: Research an Instrument

## MU102

Chapter 1: Scales, Music History, & World Music

Section 1: Scales and Modes

Section 2: Illustration of Middle C

Section 3: Treble and Bass Staff

Chapter 2: Music History

Section 1: Medieval Period

Section 2: Renaissance Period

Chapter 3: World Music

Section 1: Hispanic Music

## MU103

Chapter 1: More Note Values

Section 1: Connecting Notes with Beams

Section 2: The Dot

Section 3: Rests

Section 4: Sharps, Flats, and Naturals

Chapter 2: Baroque Period

Section 1: Composers of the Baroque Period

Section 2: The Baroque Period

Section 3: The Baroque Period

Chapter 3: World Music

Section 1: Hymns

## MU104

Chapter 1: The Eight Elements of Music,

Section 1: Melody

Section 2: Rhythm

Section 3: Form

Section 4: Harmony

Section 5: Texture

Section 6: Timbre

Section 7: Tempo

Section 8: Dynamics

Chapter 2: Classical Music

Section 1: Wolfgang Amadeus Mozart

Section 2: Ludwig van Beethoven

Chapter 3: Careers in Music Part One

Chapter 4: 20th Century and American Music

Section 1: Bluegrass

Section 2: Blues

Section 3: Country

Section 4: Rock and Roll

Section 5: Alternative

Section 6: New Age

Section 7: Music and Intelligence

## MU105

Chapter 1: Scales and Intervals

Section 1: Major Scales

Section 2: More Intervals

Section 3: Special Textures and Scales

Chapter 2: The Romantic Period

Section 1: Hector Berlioz

Section 2: Second Phase of the Romantic Period

Section 3: The Romantic Period

Chapter 3: Careers in Music Part Two



# PERSONAL FINANCE 1 and 2

Personal finance students learn saving versus spending, credit, debt, and credit reports. They study investing basics, stocks, bonds, mutual funds, and other investments. Students study taxes, insurance, and elements of a financial plan.

## PF101

### Chapter 1: A Vehicle for Your Money

#### Section 1: Why Plan?

#### Section 2: Three Reasons to Save

#### Section 3: Emergencies Will Happen

### Chapter 2: Saving versus Spending

#### Section 1: Creating an Emergency Fund

#### Section 2: Saving for Purchases

#### Section 3: Saving for Your Future

### Chapter 3: Start Early

#### Section 1: The Magic of Compound

#### Interest

#### Section 2: Avoid Get Rich Quick

#### Schemes

#### Section 3: Developing a Plan

## PF102

### Chapter 1: A Container for Your Money

#### Section 1: Why You Need a Container

#### Section 2: Telling Your Money Where to Go

#### Section 3: Pay Yourself First

### Chapter 2: Getting Started with a Plan

#### Section 1: Establishing an Emergency Fund

#### Section 2: Deciding What's Important

#### Section 3: A Basic Spending Plan

### Chapter 3: Keeping Your Plan on Track

#### Section 1: Cash Flow Planning

#### Section 2: Irregular Income Planning

#### Section 3: Keeping Your Budget on Track

## PF103

### Chapter 1: Credit and Debt

#### Section 1: What is Credit?

#### Section 2: Avoiding Debt

#### Section 3: Getting Out of Debt

### Chapter 2: Credit Reports

#### Section 1: What is a Credit Report?

#### Section 2: The Fair Debt Collection

#### Practices Act

### Chapter 3: Good Money Management

#### Practices

#### Section 1: Good Money Habits

#### Section 2: Four Piles of Money

#### Section 3: A Balancing Act

## PF104

### Chapter 1: Investing Basics

#### Section 1: Defining Terms

#### Section 2: Understanding Risk

#### Section 3: Liquid Investments

### Chapter 2: Stocks, Bonds, Funds

#### Section 1: Stocks

#### Section 2: Mutual Funds

#### Section 3: Bonds

### Chapter 3: Other Investments

#### Section 1: Real Estate

#### Section 2: Real Estate Mortgages

#### Section 3: Commodities/Futures

## PF105

### Chapter 1: Taxes

#### Section 1: Types of Taxes

#### Section 2: Retirement Plans

#### Section 3: Education and Medical Savings Plans

### Chapter 2: Insurance

#### Section 1: Property and Casualty Insurance

#### Section 2: Health and Disability Insurance

## Starline Press



Elective

Section 3: Life Insurance and Annuities  
Chapter 3: Elements of a Financial Plan  
Section 1: Cash Flow Planning, Assets, and Liabilities  
Section 2: Investment Strategies  
Section 3: Estate Planning

## PF201

### Chapter 1: Saving for Emergencies

#### Section 1: Setting a Goal and Meeting It

#### Section 2: Working to Maintain Your Plan

### Chapter 2: Saving for a Specific Purchase

#### Section 1: Saving for a Car

#### Section 2: Are You Ready to Buy It

#### Section 3: Saving for Something Special

#### Section 4: Saving for College

### Chapter 3: Saving for Retirement

#### Section 1: How Much Should You Save

#### Section 2: Saving Lump Sum Gifts

#### Section 3: Saving Your Raise

#### Section 4: Saving Even More

## PF202

### Chapter 1: Are You Ready to Move Out

#### Section 1: How Much Will It Cost You

#### Section 2: Moving In

#### Section 3: Maintaining Cash Flow

### Chapter 2: Managing Expenses

Section 1: Budget Busters  
 Section 2: More Budget Busters  
 Section 3: Continuing On  
 Chapter 3: Keeping the Budget in Check  
 Section 1: Living Within Your Means  
 Section 2: Adjusting Cash Flow

Section 3: Staying on Track  
 PF203  
 Chapter 1: A Debt Filled Lifestyle  
 Section 1: The Beginning  
 Section 2: Getting in Deeper  
 Section 3: The Convenience of

Chapter 2: Formulating a Plan  
 Section 1: Creating a Safety Net  
 Section 2: Assessing Your Situation  
 Section 3: Creating a Plan  
 Chapter 3: Finishing the Task  
 Section 1: Can You Pay Faster  
 Section 2: Using Debt \$\$ for Savings  
 Section 3: Accumulating Wealth

Charging  
 Section

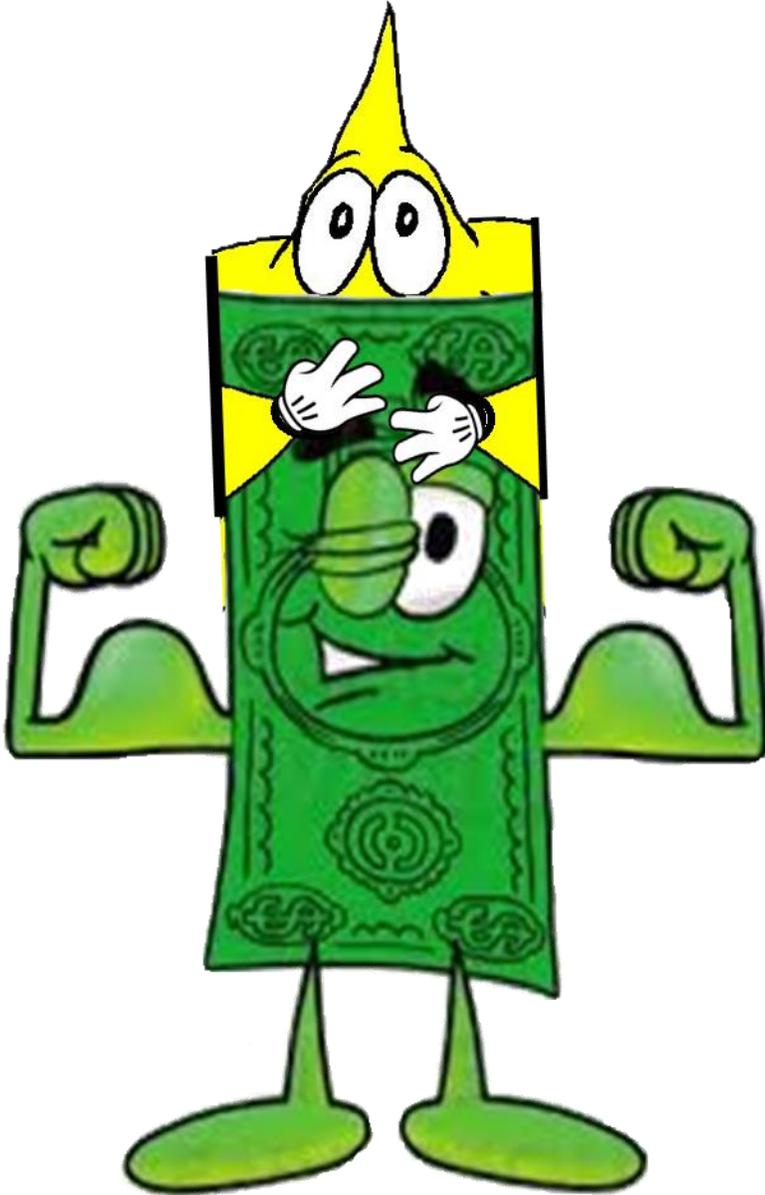
4: PF204

Adding  
 Still  
 More  
 Chapter 1: Investing in the Stock Market

Section 1: Creating a Fund for Investing  
 Section 2: Investing in Stocks  
 Section 3: Investing in Mutual Funds  
 Chapter 2: Real Estate Investments  
 Section 1: Buying a House  
 Section 2: Buying Property for Income  
 Section 3: Buying Property for Appreciation  
 Section 4: Real Estate Trusts  
 Chapter 3: Other Investments  
 Section 1: Business  
 Section 2: Franchises  
 Section 3: Tracking Net Worth

PF205

Chapter 1: Financial Book Review  
 Sections : Daily Reading Evaluations



# SPANISH I

Through this introductory course students explore basic grammar and mechanics. Topics covered include, verbs, nouns, tense, and other basic concepts. Throughout the course students build basic Spanish vocabulary including telling time, asking questions, household words, and occupations.

## SP101

Chapter 1: Bienvenidos! Welcome!

Section 1: Why Learn Another Language?

Section 2: The Spanish Alphabet

Section 3: Vocabulary 1 Introduction

Section 4: Nouns

Chapter 2: La Clase—The Classroom

Section 1: Vocabulary 2

Section 2: Articles

Section 3: Subject Pronouns

Chapter 3: Days of the Week and More

Section 1: Tener and Querer

Section 2: Vocabulary 3: Days of the Week and Numbers

## SP102

Chapter 1: Verbs and Present Tense

Section 1: Introducing Verbs

Section 2: Present Tense

Chapter 2:

Section 1: Vocabulary 4

Section 2: The Word “No”

Section 3: Adjectives

Section 4: Correcting Mistakes

Chapter 3: Spotlight on Sources

Section 1: Vocabulary 5

Section 2: Possessives

## SP103

Chapter 1:

Section 1: You and Yours Review

Section 2: Like and Love

Section 3: Communism

Section 4: Economic Needs

Chapter 2:

Section 1: Vocabulary 6—Asking

Questions

Section 2: Vocabulary 7—Household Words

Section 3: Spotlight

Chapter 3:

Section 1: Vocabulary 8—Personal Adjectives

Section 2: Estar and Ser

## SP104

Chapter 1:

Section 1: The Verb Ir

Section 2: Vocabulary 9—Vamos a Comer

Chapter 2:

Section 1: Vocabulary 10—Irregular Verbs

Section 2: Research Project

Section 3: Tener

Chapter 3:

Section 1: Spotlight

Section 2: El Tiempo—The Weather

Section 3: Vocabulary 11—Position

## SP105

Chapter 1:

Section 1: A Brief Review

Section 2: Demonstrative Pronouns

Section 3: Vocabulary 12—More Numbers

Chapter 2:

Section 1: Comparatives

Section 2: Superlatives

Chapter 3:

Section 1: Spotlight

Starline Press



Elective

Section 2: Vocabulary 13—Irregular Verbs

## SP106

Chapter 1:

Section 1: Present Participles

Section 2: Present Progressive Tense

Section 3: Vocabulary 14—Regular Verbs

Chapter 2:

Section 1: Vocabulary 15—Nature

Section 2: The Word Que

Chapter 3:

Section 1: Spotlight

Section 2: Vocabulary 16—Irregular Verbs

## SP107

Chapter 1:

Section 1: Repaso

Section 2: Time and Date

Section 3: Vocabulary 17—Time Words

Chapter 2:

Section 1: Vocabulary 18—Verbs

Chapter 3:

Section 1: Spotlight

Section 2: Repaso

## SP108

Chapter 1:

Section 1: Vocabulary 19—Las Comidas  
Section 2: Review and Mastery  
Chapter 2:  
Section 1: Practice Exercise  
Section 2: More Practice  
Section 3: Sentence Scramble  
Chapter 3:  
Section 1: Spotlight

SP109  
Chapter 1:  
Section 1: Vocabulary 20—Clothing  
Section 2: Grammar

Chapter 2:  
Section 1: Spotlight  
Section 2: Direct Object Pronouns  
Chapter 3:  
Section 1: Repaso—El Vocabulario  
Section 2: Repaso—La Gramatica

SP110  
Chapter 1:  
Section 1: Vocabulary 21—Regular Verbs  
Section 2: Review and Mastery  
Chapter 2:  
Section 1: Vocabulary 22—Animals

Section 2: Review and Mastery  
Chapter 3:  
Section 1: Spotlight  
Section 2: Review and Mastery

SP111  
Chapter 1:  
Section 1: Vocabulary 23—The Body  
Section 2: Repaso  
Chapter 2:  
Section 1: Spotlight  
Section 2: Repaso  
Chapter 3:  
Section 1: Vocabulary 24

SP112  
Chapter 1:  
Section 1: Vocabulary 25—Irregular Preterit Verbs  
Section 2: Repaso y Practica  
Chapter 2:  
Section 1: Vocabulary 26—Occupations and People  
Section 2: Spotlight  
Section 3: Repaso  
Chapter 3:  
Section 1: Vocabulary 27—The Kitchen



# SPANISH II

In this advanced course of study, students develop extensive vocabulary. Students also explore in-depth grammar and mechanics concepts.

## SP201

### Chapter 1:

Section 1: Welcome to Spanish II

Section 2: Vocabulary 1—Review

Section 3: Nouns, Adjectives, and Articles

### Chapter 2:

Section 1: The Present Tense

Section 2: Preterit Tense

### Chapter 3:

Section 1: Irregular Present Tense Verbs

Section 2: Present Participles and Present Progressive

## SP202

### Chapter 1:

Section 1: Cognates Part 1

Section 2: Irregular Preterit Tense

### Chapter 2:

Section 1: Cognates Part 2

Section 2: Possessives

### Chapter 3:

Section 1: Idioms

Section 2: Syntax

## SP203

### Chapter 1:

Section 1: Vocabulario 3—Asking Questions

Section 2: Direct Object Pronouns

### Chapter 2:

Section 1: Repaso

Section 2: Vocabulary 4—Traveling

Section 3: Indirect Object Pronouns

### Chapter 3:

Section 1: Grammar Review

## Section 2: Repaso

## SP204

### Chapter 1:

Section 1: Basic Accent Rules for Pronouncing Words

Section 2: Reflexive Verbs

Section 3: Vocabulary 5—Reflexive Verbs

### Chapter 2:

Section 1: Comparatives and Superlatives

Section 2: Government regulations

Section 3: Vocabulary 6—Mas Verbos

### Chapter 3:

Section 1: Self Directed Learning

Section 2: Grammar Review

## SP205

### Chapter 1:

Section 1: Repaso—Vocabulario

Section 2: Repaso—Gramatica

Section 3: Repaso—Traduccion

### Chapter 2:

Section 1: Vocabulario 7

Section 2: Repaso

Section 3: Compensation

### Chapter 3:

Section 1: The Imperfect Tense

Section 2: Repaso

## SP206

### Chapter 1:

Section 1: Repaso

Section 2: Vocabulario 8—Irregular Imperfect Tense Verbs

### Chapter 2:

## Starline Press



Elective

Section 1: Vocabulario 9—More Irregular

Preterit Tense Verbs

Section 2: Present Perfect Tense

### Chapter 3:

Section 1: Vocabulario 10—Verbs Plus

Section 2: Vocabulario 11—Commands

## SP207

### Chapter 1:

Section 1: Composition Practice

Section 2: Vocabulario 12—Mas

Animales

### Chapter 2:

Section 1: Present Perfect Tense, Part 2— Irregular Participles

Section 2: Repaso

Section 3: Vocabulario 13—Mas

Palabras de Tiempl

### Chapter 3:

Section 1: Vocabulario 14—Verbos

Regulares

Section 2: Culture Study

## SP208

### Chapter 1:

Section 1: The Future Tense

Section 2: Irregular Future Tense Verbs

### Chapter 2:

Section 1: Vocabulary 15—Garden and

City

Section 2: Repaso

Chapter 3:

Section 1: Vocabulary 16—More Irregular Verbs

Section 2: Vocabulary 17—El Aeropuerto

SP209

Chapter 1:

Section 1: Introduction to Mood

Section 2: Present Subjunctive Tense

Section 3: Vocabulary 18—More Verbs

Chapter 2:

Section 1: Subjunctive, Part II

Section 2: Vocabulary 19—Garden and City

Section 3: Vocabulary 20—Irregular Present Subjective Verbs

Chapter 3:

Section 1: Subjunctive Part III, and Vocabulary 21

Section 2: Repaso

SP210

Chapter 1:

Section 1: Vocabulary 22—Social Situations

Section 2: Vocabulary 23—Household Words

Chapter 2:

Section 1: Por versus Para

Section 2: Vocabulary 24

Section 3: Subjunctive Review

Chapter 3:

Section 1: Repaso



# SPEECH

Students learn strategies to succeed in public speaking and how to be a champion speaker. They learn the value of a public speaker and how to know your audience. Students study great speeches such as, John F. Kennedy's inaugural and George W. Bush's address to congress on terrorist attack.

## E1206- Speech

### Chapter 1:

#### Section 1: What Is Rhetoric

#### Section 2: Storytelling

#### Section 3: Oral Communication in Colonial America

### Chapter 2:

#### Section 1: Aristotle's Rhetoric

#### Section 2: Kenneth Burke's Dramatism

#### Section 3: Walter Fisher's Narrative Paradigm

#### Section 4: Shannon & Weaver's Model of Communication

### Chapter 3:

#### Section 1: Practical Application

#### Section 2: Delivery

#### Section 3: Voice

## E1207-Speech

### Chapter 1: Strategies to Succeed in Public Speaking

#### Section 1: Introduction

#### Section 2: Achieving Your Speaking Goals

### Chapter 2: Be a Champion Public Speaker

#### Section 1: Introduction

#### Section 2: Being a Champion

### Chapter 3: Health & the Public Speaker

#### Section 1: Introduction

#### Section 2: Benefits of Good Health

#### Section 3: Maintaining Good Health

### Chapter 4: Abraham Lincoln's Gettysburg Address

#### Section 1: Introduction

## Section 2: Learning from a Speech

## E1208-Speech

### Chapter 1: Knowledge, Skill & Excellence

#### Section 1: Knowledge & Skill in Public Speaking

#### Section 2: Excellence in Public Speaking

#### Section 3: Benefits of an Excellent Speech

### Chapter 2: Value & the Public Speaker

#### Section 1: Providing Valuable Service

#### Section 2: Becoming Valuable

### Chapter 3: Know Your Audience

#### Section 1: Why Know Your Audience

#### Section 2: Be Prepared to Adjust Your Speech

### Chapter 4: Martin Luther King's "Dream" Speech

#### Section 1: Learning from a Speech

## E1209-Speech

### Chapter 1: Using Notes in a Speech

#### Section 1: Script Cards & Visual Aids

#### Section 2: Review

### Chapter 2: Succeed by Studying Great Speeches I

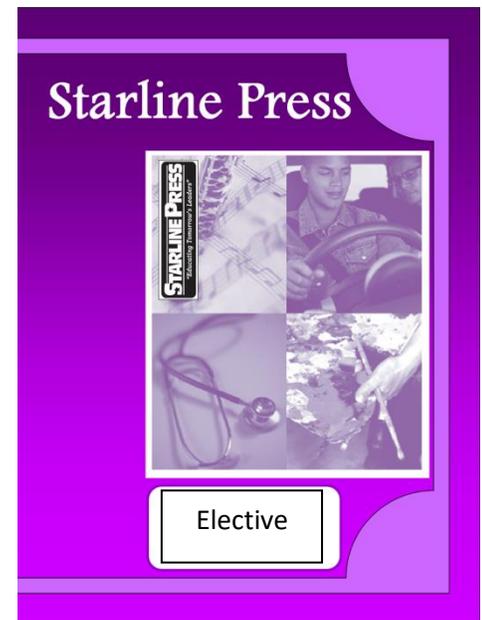
#### Section 1: John F Kennedy's Inaugural

#### Section 2: Review

### Chapter 3: Succeed by Studying Great Speeches II

#### Section 1: George W Bush Address to Congress on Terrorist Attack

#### Unit Project



## E1210-Speech

### Chapter 1: Public Speaking

#### Section 1: Purpose

#### Section 2: Appeals

#### Section 3: Diction & Syntax

#### Section 4: Nonverbal Communication

#### Section 5: Rhetorical Strategies & Devices

#### Section 6: Arguments: Deduction 7 Induction

#### Section 7: Propositions

#### Section 8: Fallacies

#### Section 9: Analyzing & Evaluating a Speech

#### Section 10: Planning a Persuasive Speech

#### Section 11: Choosing a Purpose for a Persuasive Speech

#### Section 12: Forming a Proposition

#### Section 13: Formulating Appeals with Logic

#### Section 14: Rhetorical Devices & Strategies

#### Section 15: Writing Out Your Speech

#### Section 16: Writing an Introduction & Conclusion

#### Section 17: Nonverbal Communication & Rehearsal

#### Section 18: Using a Rubric to Evaluate Your Speech

# THEATRE

Theatre students learn about the people and the elements in theatre and culture. They learn how to utilize the voice and mind. Students learn monologue, a directors role, playwriting, acting in and staging a play.

## T101

Chapter 1: The People  
Section 1: On Stage & Behind the Scenes  
Section 2: Supporting Roles  
Chapter 2: The Elements  
Section 1: Spectacle & Music  
Section 2: Language & Thought  
Section 3: Character & Plot  
Chapter 3: Theatre & Culture  
Section 1: Cultural Differences  
Section 2: Audience as Critic  
Section 3: Project

## T102

Chapter 1: Acting 1: The Body  
Section 1: The Body as an Instrument  
Section 2: Body Leads  
Section 3: From the Foot Up  
Section 4: Animal Gesture  
Chapter 2: The Voice  
Section 1: Breathing  
Section 2: Projection  
Section 3: Articulation  
Section 4: Dynamics  
Section 5: Character Voices  
Chapter 3: The Mind  
Section 1: Relaxation  
Section 2: Focus  
Section 3: Imagination

## T103

Chapter 1: Acting 2: The Essence of Drama  
Section 1: Objective & Obstacle  
Section 2: Tactics (Strategies)  
Section 3: Believe  
Chapter 2: Acting with a Partner  
Section 1: Listening  
Section 2: Scene Study  
Chapter 3: Monologue  
Section 1: Selecting a Monologue  
Section 2: Developing the Monologue  
Section 3: Performing the Monologue

## T104

Chapter 1: Theatre History & Styles: In the Beginning  
Section 1: Ancient Greek Theatre  
Section 2: Medieval Theatre  
Section 3: Early Asian Theatre  
Chapter 2: Renaissance & Thereafter  
Section 1: Italian Renaissance: Commedia Dell'Arte  
Section 2: English Renaissance: Shakespeare & Contemporaries  
Section 3: The Restoration & Thereafter  
Chapter 3: Modern Theatre  
Section 1: Turn of the Century  
Section 2: War Years  
Section 3: Post War to Present Day



## T105

Chapter 1: The Space: Proscenium & Thrust Stages  
Section 1: Structure & Uses  
Section 2: Development Over Time  
Section 3: Famous Stages  
Chapter 2: Arena & Black Box Stages  
Section 1: Structure & Uses  
Section 2: Development Over Time  
Section 3: Famous Arena Stages  
Chapter 3: Found Space & Site Specific Theatre  
Section 1: Structure & Uses  
Section 2: Development Over Time  
Section 3: Companies Known for Site Specific Work

## T106

Directing 1:  
Chapter 1: A Director's Roles & Responsibilities  
Section 1: Unification, Representation, Organization  
Section 2: Developing the Vision  
Chapter 2: Dramatic Structure  
Section 1: Big Picture  
Section 2: Greater Detail  
Section 3: Interpretation  
Chapter 3: The Process, An Overview  
Section 1: Preparing for the Process  
Section 2: Auditions and Casting

Section 3: Rehearsals to Performance

T107

Directing II: Staging a Play:

Chapter 1: Blocking Basics

Section 1: Logistics and Lingo

Section 2: Where to Start?

Section 3: Principles of Stage  
Movement

Chapter 2: Movement and Pictures

Section 1: Focus

Section 2: Taking the Stage

Section 3: Things to Avoid

Chapter 3: Other Considerations

Section 1: Rhythm and Pacing

T108

Playwriting

Chapter 1: The People of the Play

Chapter 2: The World of the Play

Chapter 3: The Pieces of the Play

T109

The Design of Theatre

Chapter 1: Set It Up

Section 1: The Role of a Scenic  
Designer

Section 2: Tools of the Trade

Section 3: The Process of Designing a  
Set

Chapter 2: Light It Up

Chapter 3: Dress It Up

Section 1: The Role of a Costume  
Designer

Section 2: Tricks of the Trade

Section 3: Hair and Makeup

T110

A Career in Theatre

Chapter 1: An Overview

Section 1: In the Limelight

Section 2: From the Sidelines

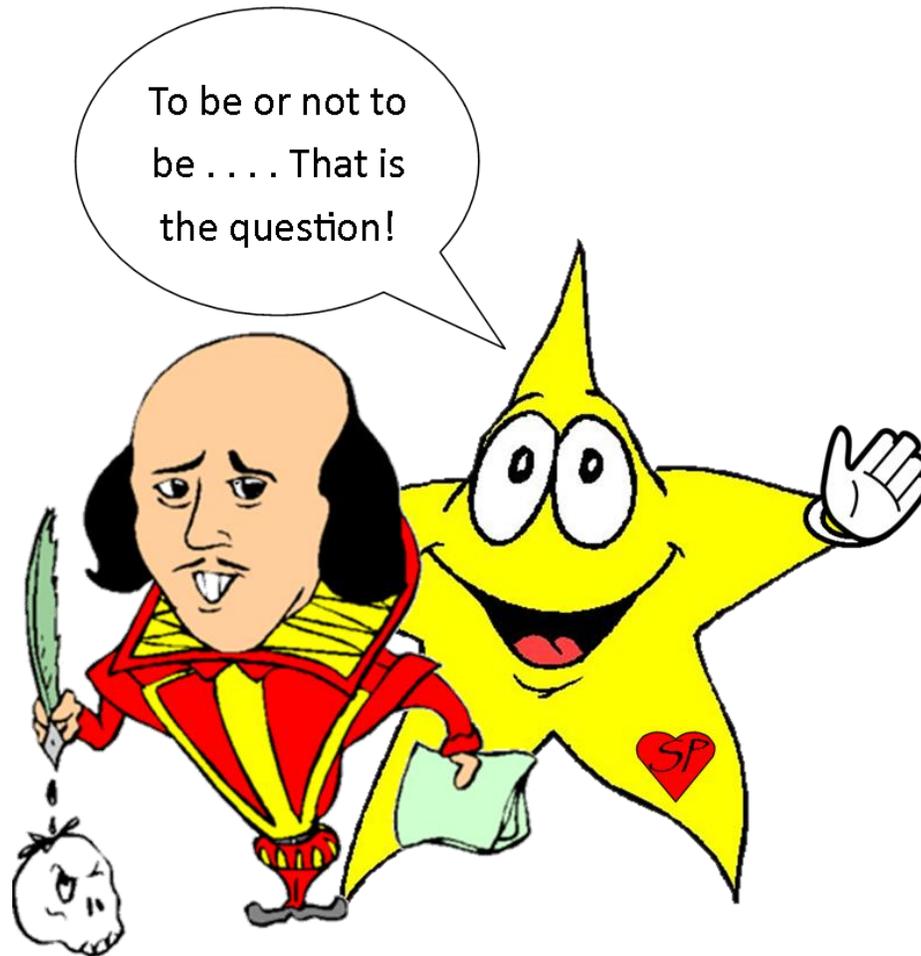
Chapter 2: Acting Focus

Section 1: Academia

Section 2: The Biz:

Section 3: Independent Artists

Chapter 3: My Story



# PHYSICAL EDUCATION 1 & 2

Starline High School PE is an individualized, self paced Physical Education Curriculum. This Standards-Based Curriculum is completely aligned to the California State Standards.

The High School PE Courses 1 and 2 provide the foundation for high school physical education, including a special unit for 9th grade that is entirely dedicated to preparation for the California State Physical Fitness test.

Each unit contains a physical education activity log that documents independent study physical activity, and acts as a record of the minimum required hours for High School PE.

Students develop proficient movement skills in each area of physical education; they expand their capabilities for independent learning; and they examine practices that allow for sound decision making to enhance successful participation in movement activities. The content articulates the knowledge, skills, and confidence students need to maintain meaningful physical activity throughout their lifetime. The two year course sequence provides a blueprint for delivering the content in a manner that equips students to make a successful transition from the physical education instructional program to participation in physical activity during adulthood. The adult lifestyle demands that individuals initiate and monitor their own participation in physical activity. Family responsibilities, career demands, and individual choices influence physical activity patterns.



Section 2: Cardiorespiratory Fitness  
 Section 3: Body Composition  
 Section 5: Flexibility  
 Chapter 4: Character and Responsibility

## PE CA TEST

California State Physical Education Test  
 Unit

## PE101

Chapter 1: Why is Personal Fitness Important?  
 Section 1: Defining Personal Fitness  
 Section 2: Why Care Now?  
 Section 3: No More Excuses  
 Chapter 2: Extreme Sports  
 Section 1: What is an Extreme Sport?  
 Section 2: Competitions and Safety  
 Section 3: Tell Me About It  
 Chapter 3: Character and Sportsmanship

## PE102

Chapter 1: Move It; Groove It; Give it a Shake  
 Section 1: The Culture of Dance  
 Section 2: Dance—An Amazing Form of Exercise  
 Section 3: Exercise Your Options  
 Chapter 2: Creativity and Cooperation  
 Chapter 3: Get Moving

## Section 1: Move It or Lose It

PE103  
 Chapter 1: Combat Sports  
 Section 1: History  
 Section 2: Exercise Your Options  
 Chapter 2: Have Fun, Be Safe  
 Section 1 Weather Related Safety Tips  
 Section 2: Common Problems Associated with Exercise  
 Chapter 3: Character Development and Responsibility

## PE104

Chapter 1: The ABC's of Skill-Related Fitness  
 Chapter 2: Evaluating Skills  
 Chapter 3: Exercise your options.  
 Chapter 4: Character and Responsibility

## PE105

Chapter 1: The Fab Five  
 Chapter 2: Make Your Heart Happy  
 Chapter 3: The Fab Five Fitness Tests  
 Section 1: Endurance

## PE106

Chapter 1: Fitness  
 Section 1: Exercise  
 Section 2: do it! let's exercise  
 Section 3: Health and Diet  
 Chapter 2: Sports  
 Section 1: basketball  
 Section 2: surfing  
 Section 3: Running  
 Chapter 3:  
 Section 1: History  
 Section 2: Heroes  
 Section 3: Sportsmanship

## PE107

Chapter 1: Fitness  
 Section 1: Exercise  
 Section 2: Weight Training  
 Section 3: Health and Diet  
 Chapter 2: Sports  
 Chapter 3:  
 Section 1: History  
 Section 2: Heroes  
 Section 3: Sportsmanship

Unit Review

PE108

Chapter 1: Fitness  
Section 1: Exercise  
Section 2: do it! let's exercise  
Section 3: Health and Diet  
Chapter 2: Sports  
Section 1: Football  
Section 2: One Wall Racquetball  
Section 3: Lacrosse  
Chapter 3:  
Section 1: History  
Section 2: Heroes  
Section 3: Sportsmanship  
Unit Review

. PE109

Chapter 1: Fitness  
Section 1: Exercise  
Section 2: Weight Training  
Section 3: Health and Diet  
Chapter 2: Sports  
Chapter 3:  
Section 1: History  
Section 2: Heroes  
Section 3: Sportsmanship  
Unit Review

PE110

Chapter 1: Fitness  
Section 1: Exercise  
Section 2: Weight Training  
Section 3: Health and Diet  
Chapter 2: Sports  
Chapter 3:  
Section 1: History  
Section 2: Heroes  
Section 3: Sportsmanship  
Unit Review

. PE201

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.

Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE202

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE203

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE204

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.

Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE205

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE206

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE207

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.

Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

PE208

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.

Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.

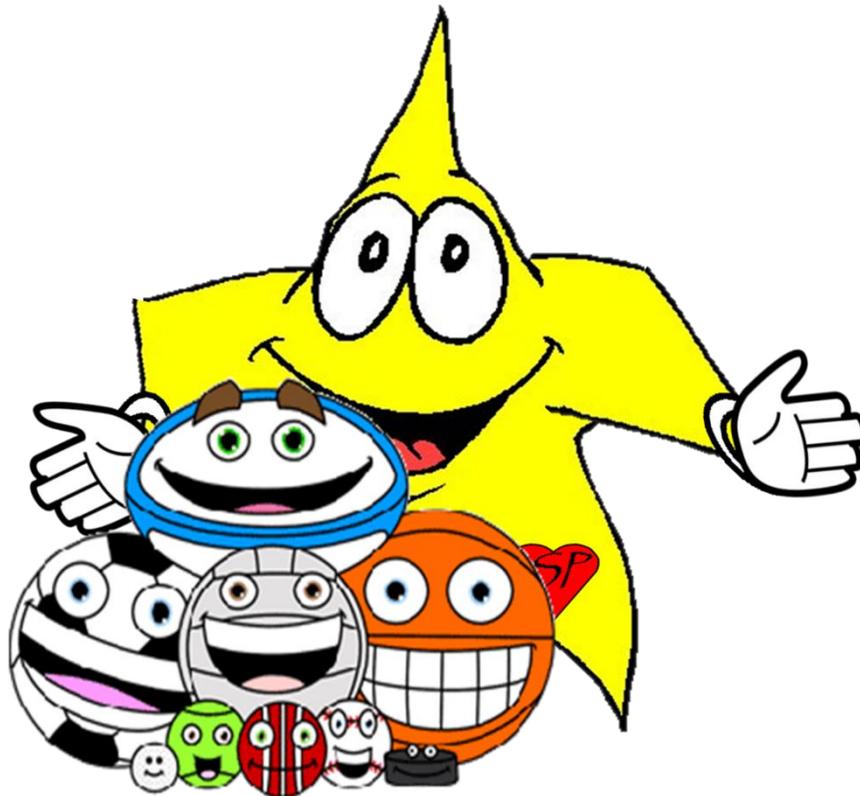
PE209

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.

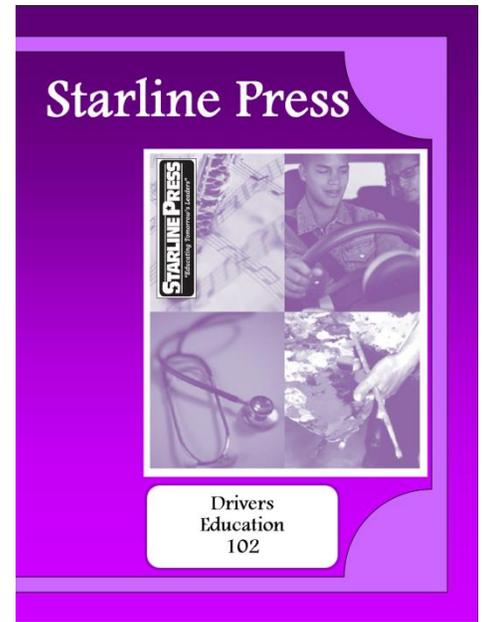
Unit Review.  
Physical Education Activity Log.

PE210

Chapter 1: Fitness.  
Section 1: Exercise concepts.  
Section 2: do it! let's exercise.  
Section 3: Health and Diet.  
Chapter 2: Sports.  
Section 1: Combative Sports.  
Section 2: Gymnastics and Tumbling.  
Section 3: Team Sports.  
Chapter 3: Character  
Section 1: Mean What You Say!  
Section 2: Heroes.  
Section 3: Sportsmanship.  
Unit Review.  
Physical Education Activity Log.



# MODERN HAWAIIAN HISTORY



Modern Hawaiian History students learn about the people, events and culture of Hawaii from the period from the overthrow of the Hawaiian Monarchy to Statehood to present day. They learn of world and United States of America events through the lens of Hawaii and the participation of and the effects on the citizens.

## MHH101

Chapter 1: Couching the Argument  
 Section 1: Introduction to the text  
 Section 2: Queen Liliuokalani  
 Section 3: The Bayonet Constitution  
 Section 4: Character Activity  
 Chapter 2: Annexation  
 Section 1: Annexation  
 Section 2: Oligarchy  
 Section 3: Implementation of Territorial Rule  
 Section 4: Character Activity  
 Chapter 3: Build-up to War  
 Section 1: Planning for War  
 Section 2: Increase in Communication  
 Section 3: Character Activity

## MHH102

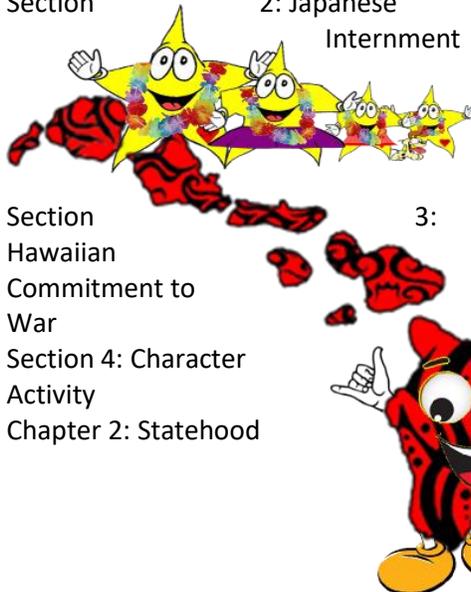
Chapter 1: War!  
 Section 1: World War  
 Section 2: Character Activity  
 Chapter 2: Post-War Americanization  
 Section 1: Post-war Americanization  
 Section 2: Prince Kuhio  
 Section 3: Hawaiian Homelands  
 Section 4: Hawaiian Homes Commission Act  
 Section 5: Character Activity  
 Chapter 3: The Plantation Years  
 Section 1: The Plantation Years  
 Section 2: Immigration  
 Section 3: Character Activity

## MHH103

Chapter 1: Dissention on the Plantation  
 Section 1: Plantation Life Strikes  
 Section 2: Plantation Days and Henry Akana  
 Section 3: Character Activity  
 Chapter 2: Communal Growth  
 Section 1: Enter Pineapple  
 Section 2: Build-up to War  
 Section 3: Character Activity  
 Chapter 3: War  
 Section 1: Pearl Harbor  
 Section 2: World War Two  
 Section 3: The Battle of Niihau  
 Section 4: Character Activity

## MHH104

Chapter 1: Marshal Law  
 Section 1: Marshal Law  
 Section 2: Japanese Internment  
 Section 3: Hawaiian Commitment to War  
 Section 4: Character Activity  
 Chapter 2: Statehood



Section 1: Statehood  
 Section 2: Proponents  
 Section 3: Decision  
 Section 4: Character Activity  
 Chapter 3: Post-Statehood Growth  
 Section 1: Hawaiian Statehood Information  
 Section 2: The Packaging of Aloha  
 Section 3: Agriculture to Tourism  
 Section 4: Character Activity

## MHH105

Chapter 1: Modern Hawaii  
 Section 1: Economy  
 Section 2: Culture  
 Section 3: Language  
 Section 4: Character Activity  
 Chapter 2: Hurricane Iniki  
 Section 1: Effects of the Hurricane  
 Section 2: First-Hand Stories  
 Section 3: Aftermath  
 Section 4: Character Activity  
 Chapter 3: Hawaii: Beyond Tomorrow  
 Section 1: Economy  
 Section 2: Culture/Selections  
 Section 3: Future  
 Section 4: Character Activity

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