

# 12 Twelfth Grade

## Language Arts

### Grammar

Review of grammar, the sentence, and mechanics  
 Dictionary skills  
 Diction and usage  
 Library skills

### Composition

Paragraph, theme, outline, paraphrase, précis,  
 exposition, classification, essay, description,  
 character sketch, research paper, book reports,  
 book review, and letters

### Vocabulary, Poetry

Vocabulary lessons  
 Ten poems memorized

### English Literature

Writers and works from the followings periods:  
 Anglo-Saxon, Medieval, Elizabethan, and  
 Puritan Selections from *Beowulf*, *Canterbury Tales*, and *Paradise Lost*  
 Writers and works from the Eighteenth Century, Romantic Period, Victorian Age, and Twentieth Century  
 Authors such as Wordsworth, Scott, Coleridge, Burns, Tennyson  
 Condensed novel: *Robinson Crusoe* (includes conversion experience)  
 Complete play: *Macbeth*  
 Complete novel: *Pilgrim's Progress*

## Government

*Foundations of the American Republic*  
 America: A Unique Nation  
 Government under God  
 The Shaping of the American Republic  
*Our Constitutional Republic*  
 The Constitution  
 The Legislative Branch: Congress  
 The Executive Branch: The Presidency and the Bureaucracy

The Judicial Branch: The Supreme Court  
 The Bill of Rights  
*Our Federal Republic*  
 Federalism  
 State Government  
 Local Government  
 American Democracy in Action  
 Current events

## Economics

Everybody's Economics  
 Economists and Economic Laws  
 Factors of Production  
 Laws of Supply and Demand  
 Productive Market Economy  
 Good That Competition Does  
 Efficiency of Production

Why Everybody Needs to Save  
 What Money Is Good For  
 Government and the Economy  
 Successes and Difficulties in the Market Economy  
 Problems with the Command Economy  
 A Look at the Global Economy  
 A Cheerful View of Our Economic Future

## Physics

*Basic Concepts*  
 Matter and Energy  
 Mathematics of Physics  
*Three States of Matter*  
 Liquid, Gaseous, Solid  
*Mechanics*  
 Velocity and Acceleration  
 Forces in Nature, Concurrent Forces  
 Motion in Two Dimensions  
 Work and Machines

Energy and Momentum  
 Rotary Motion, Gravitation  
*Thermodynamics*  
 Heat  
 Laws of Thermodynamics  
*Wave Phenomena*  
 Waves, Sounds, Music  
*Light*  
 Nature of Light  
 Reflection of Light  
 Refraction of Light

Wave Optics  
*Electricity and Magnetism*  
 Electrostatics, Magnetism  
 Current Generation,  
 Ohm's Law  
 Load Characteristics  
 Electrical Devices  
*Modern Physics*  
 Quantum Theory  
 Special Relativity  
 Light in Modern Technology

## Mathematics

**Trigonometry with Tables**  
 (traditional approach)  
*Plane Trigonometry*  
 Functions of an Acute Angle;  
 Solution of Right Triangles  
 Trigonometric Functions of Any Angle  
 Radian Measure; Mil Measure  
 Line Values and Graphs  
 of Functions

Fundamental Relations  
 Functions of Two Angles  
 Oblique Triangles  
**Analytical Geometry**  
 Graphs of Functions  
 Fundamental Formulas  
 Straight Line  
 Circle  
 Polar Coordinates

Conic Sections  
 General Equation of the  
 Second  
 Degree in  $x$  and  $y$   
 Miscellaneous Curves  
 Curves Representing  
 Empirical Data  
 Coordinates in Space  
 Cylindrical, Spherical, and  
 Polar Coordinates

## Speech

**Everyday Speech**  
 The Place of Speech in Society  
 Everyday Conversation  
 Special Types of Conversation  
 Group Discussion  
 Parliamentary Procedure

**Interpretation**  
 Talking with the Body  
 Interpreting Monologues  
 Reading with Meaning  
 Our American  
 Pronunciation

Listening  
 Interpreting Declamations  
 and Poetry  
 Storytelling  
 Extemporaneous Devotionals

## Spanish 2

Grammar  
 Conversations  
 Cultural readings

Stories from the life of Christ  
 (a witnessing tool)  
 Vocabulary

Composition  
 Interviews