



EIGHTH GRADE

COURSE OUTLINE

504

Calvert Education Services
10713 Gilroy Road Suite B, Hunt Valley, Maryland 21031
888-487-4652 • 410-785-3400
Fax: 410-785-3418

The Plan of Eighth Grade

You may begin this course anytime in the year. There are 160 numbered lessons, divided into twenty-lesson sets. Within each set of twenty lessons are two review lessons. Tests appear every twentieth lesson (Test Lessons 20, 40, 60, etc.). The length of time devoted to reviews and tests should be adjusted to meet the individual student's requirements.

The following is a *suggested* schedule for a morning of about four hours. Some pupils spend more time and some less than others, depending on their speed, ability, health, and other circumstances.

	Day 1	Day 2	Day 3	Day 4	Day 5
9:00 - 9:50 (50 minutes)	Calvert Math				
9:50 – 10:30 (40 minutes)	Reading and Literature				
10:30 -11:10 (40 minutes)	History	Study	History	History or Study	Science
11:10-11:30 (20 minutes)	Recess				
11:30-12:10 (40 minutes)	Science	Grammar/ Vocabulary/ Composition	Grammar/ Vocabulary/ Composition	Science	Grammar/ Vocabulary/ Composition
12:10-12:30 (20 minutes)	Spelling	Spelling	Composition	Grammar/ Vocabulary/ Composition	Spelling
12:30-12:50 (20 minutes)	Grammar/ Vocabulary/ Composition				
12:50-1:10 (20 minutes)		Study	Study		Study

Additional afternoon time is usually needed.

STANDARD COURSE MATERIALS

Books

Eighth Grade Lesson Manual

Eighth Grade Tests

Answer Keys

How To Diagram a Sentence

Spelling

Johnny Tremain

Prince & The Pauper

Stories in Verse

Hound of the Baskervilles

David Copperfield

Elements of Language

A History of the United States

Earth's Changing Surface

Inside Earth

Astronomy

The Growing Vocabulary

COURSE SURVEY: EIGHTH GRADE

GENERAL INFORMATION

- instructions addressed to the student
- appropriate review work

READING AND LITERATURE

- improving comprehension and rate
- developing skills in reading, listening, speaking, writing
- building vocabulary
- guided reading of classics
- study of literary devices
- enrichment and reinforcement exercises

GRAMMAR

- reviewing, diagramming and using the eight parts of speech
- developing varied sentences; building cohesive paragraphs
- identifying simple, compound, complex, and compound-complex sentences
- analyzing verbals: participles, gerunds, infinitives
- identifying and diagramming clauses
- grammar, usage, and mechanics

VOCABULARY

- text designed to enlarge student's speaking, reading, and writing vocabulary
- all new words and definitions listed for frequent review
- vocabulary study and appreciation
- emphasis on synonyms, antonyms, Latin and Greek derivatives, foreign expressions, idioms

COMPOSITION

- writing effective paragraphs: topic sentences, supporting detail, transitional expressions
- developing narrative, descriptive, expository, and persuasive writing skills
- writing book summaries, humorous poems, scripts, and fables
- prewriting strategies
- developing research skills: outlining, note-taking, using reference materials, editing
- analyzing a documentary, book review, web site structure, advertisements
- preparing an oral presentation

SPELLING

- reviewing words studied and those commonly misspelled
- misspellings from all subjects listed for frequent review
- daily spelling lessons derived from various subject areas

HISTORY

- chronological account of U.S. history from America's discovery to the 2000 election (colonization; nationalization; growth and building; westward expansion, division, and reconstruction; industrialization; involvement in world affairs; the Great Depression and the New Deal; World Wars I and II; the Cold War: its beginnings and its end; challenges of modern America)
- development of U.S. foreign policy; problems of today
- study of maps, charts, graphs, primary sources, American pictorial art
- optional enrichment activities

POETRY

- elements of poetry
- techniques for reading orally and silently; memorizing; reading for pleasure
- reading, interpreting, and memorizing selections
- study of narrative poetry, including works by Coleridge, Browning, Poe

SCIENCE

- exploring Earth's surface, topographical maps
- weathering and soil formation, erosion and deposition
- geologic time, plate tectonics
- earthquakes, volcanoes, minerals, rocks
- astronomy, Earth, Moon, Sun, phases, eclipses, tides, solar system, comets, asteroids, meteors, star systems, galaxies, and the universe
- conducting scientific investigations
- thinking critically
- chapter projects

Eighth Grade Math Course

BOOKS

Eighth Grade *Calvert Math*

Eighth Grade *Practice & Enrichment Workbook*

Eighth Grade Calvert Math Manual

MATHEMATICS

- applying whole numbers and decimals
- pre-algebra
- geometry and constructions: vertical/adjacent angles
- number theory and fractions
- operations with fractions
- statistics
- probability
- applying proportion: tangent, sine, cosine
- applying percent
- integers and rational numbers: absolute value
- solving equations and inequalities: compound and open sentences
- real numbers
- applying measurement: surface area/ volume
- coordinate graphing
- problem-solving skills and strategies