



FOURTH GRADE

COURSE OUTLINE

504

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The Plan of Fourth 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 three hours. Some pupils spend more time and some less, depending upon their speed, ability, health, or other circumstances.

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
9:00 – 9:50	Calvert Math (included in a separate manual)				
9:50 – 10:10	Spelling				
10:10 – 10:40	Word Review	Language Usage	Phonics	Language Usage	Science
	Science *				
10:40 – 11:00	Recess				
11:00 – 11:40	History	Geography (42-160)	History	Science * *	History
				Geography (42-160)	
11:40 – 12:20	Reading	Science	Art	Reading	Reading
12:20 – 1:00	Composition	Reading	Composition	Composition	Composition
1:00 – 1:15	Picture Study, Handwriting, Corrections, Study				

* Science is taught in lessons 41, 61, 81, 101, 121, and 141 at this time period.

** Science is taught at lessons 4, 9, 14, 19, 24, 29, 34 and 39 at this time period.

STANDARD COURSE MATERIALS

Books

Fourth Grade Lesson Manual

Fourth Grade Tests

Fourth Grade Answer Keys

Fourth Grade Activity Pages

Poetry Selections

Famous Legends

Mighty Men

Vocabulary Connections D

Island of the Blue Dolphins

Robinson Crusoe

Phonics Level D

Critical Thinking Level D (Green)

Calvert Speller Vocabulary

Grammar & Usage

Hammond Map Skills

McGraw-Hill Science

A Child's History of the World

History Workbook

Geography Workbook

COURSE SURVEY: FOURTH GRADE

GENERAL INFORMATION

- appropriate review work

LANGUAGE USAGE

- parts of speech
- sentence elements and structure, compound and complex
- usage and common errors
- punctuation skills extended
- contractions

READING

- children's classics, European and American legends
- skill workbooks
- critical thinking and vocabulary

COMPOSITION

- 4-stage approach to writing process: prewriting, writing, feedback/revisions, final product
- using shape planners to organize key words/phrases into paragraphs and compositions
- creative, descriptive, and factual writing
- varying word order in sentence construction
- writing poetry and letters
- organizing and adding to a Word Bank

SPELLING AND VOCABULARY

- daily exercises in spelling and building vocabulary
- weekly review of new words from all subjects

PHONICS (Optional)

- extends third-grade skills using workbook
- skills coordinated with Reading, Spelling, and Composition subjects

HISTORY

- general survey of chief events from the stone Age to the present time

GEOGRAPHY

- Earth, hemispheres, time and space
- reading symbols on maps, telling directions, measuring distances
- longitude and latitude, time zones, landforms and bodies of water
- physical, road, and distribution maps
- the continents and geographic comparisons

PICTURE STUDY

- famous paintings, sculpture, and architecture
- correlating with History

POETRY

- memorizing and reading for pleasure

SCIENCE

- classifying living things by observing characteristics; differences in plant and animal cells; the six kingdoms, genus and species names
- ecosystems; food webs, producers, consumers, decomposers
- matter; manner of describing and classifying by characteristics; measuring matter; mixtures and compounds; states of matter
- energy and change; physical and chemical changes; heat energy; energy and tools, simple machines
- minerals, rock and fossils; different kinds of rocks, igneous, sedimentary, and metamorphic; clues from fossils; types of fossils, imprints, casts, and molds
- learning about Earth; forces that shape the surface, glaciers, winds, erosion, and gravity; layers of Earth, crust, mantle, liquid outer core, and solid inner core
- soil; its importance to Earth's surface; formation of soil; difference in properties
- electricity; static and current electricity; lightning; electric current; circuits, parallel and series circuits; making and using electricity; transforming electrical energy into other forms of energy
- describing animals; grouping according to shared similarities; classification based on physical traits; vertebrates and invertebrates; organ systems; animal survival
- water; glaciers and polar caps; groundwater; the water cycle; surface ocean currents; conservation of water
- the human body; skeletons, four main types of bone, cartilage and ligaments, joints; muscles, voluntary and involuntary; kinds of muscle, skeletal, smooth, and cardiac organ systems; circulatory, respiratory, excretory, digestive, skeletal, muscular, and nervous

ART

- exercises to develop confidence and express the joy of creating

Fourth Grade Math Course

BOOKS

Fourth Grade *Calvert Math*

Fourth Grade *Practice & Enrichment Workbook*

Fourth Grade Calvert Math Manual

MATHEMATICS

- skills review
- understanding money and numbers to 1,000,000
- multiplying and dividing by 1- and 2-digit factors
- geometric figures
- fractions and mixed numbers
- decimals and probability
- measurement, standard and metric