



FIRST GRADE

COURSE OUTLINE

503

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 First 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 students spend more time and some less, depending upon their speed, ability, health, or other circumstances.

TIME	SUBJECT
9:00 – 9:35 9:35 – 10:00 10:00 – 10:30 10:30 – 11:10	Calvert Math (in a separate manual) Reading Recess Reading Writing (second half of year)
11:10 – 12:00	*Science (Lessons 1-109) *Geography (Lessons 102-159) *History (once a week) *General Information *Games and Activities *Stories and Verses

* These subjects are included in the lesson manual, but they are optional and are not graded. They supplement and reinforce the daily lessons, so they are recommended

STANDARD COURSE MATERIALS

Books

First Grade Lesson Manual
 First Grade Test Booklet
 Stories & Longer Verses
 Reading Word Cards
 Reading Work Pages
 First Grade Activity Pages
 History Read-Alouds I

Here We Go!

Let's Be Friends

Surprises

Treasures

Wonders

Phonics Library

Writing Fun

Maps, Globes, & Graphs Level A

McGraw-Hill **Science**

COURSE SURVEY: FIRST GRADE

WRITING

- learning to form letters, words, simple sentences
- simple punctuation
- cursive introduced in the middle of the year

SCIENCE

- trees; life cycle and growth and change of trees; use of trees as resources; conservation
- pond habitat; needs of living things in the pond; life cycles of its plants and animals; nonliving parts of the pond; change with seasons
- the sky; observation of the sun, moon, and stars; the sun's daily path; the Moon's phases; weather; seasons; exploring space
- matter; observing and comparing matter; using senses; properties of matter; solids, liquids, and gases; physical changes
- movement – push and pull; changes in position; forces; objects as systems with parts that move together
- human body; growing and changing; skeleton, muscles, and skin; changes in weight, height, bones, teeth; health habits

READING

- approached as a decoding process
- emphasizes word analysis techniques
- reviews consonants, short vowels, and word families
- develops new decoding skills: long vowels, consonant clusters, digraphs, vowel pairs, r-controlled vowels
- teaches rhyming words, compound words, synonyms, antonyms, base words, prefixes, suffixes, syllables, alphabet order
- introduces nouns, verbs, pronouns, contractions, abbreviations
- works on comprehensive skills: sequencing, classification, cause and effect, main idea, summarizing
- encourages good oral expression
- uses five leveled anthologies, a phonics library of stories, and an extra book
- traditional and modern content

HISTORY

- 36 original stories
- biographies of well-known explorers, pioneers, inventors, and political figures
- stories about well-known events, such as the Boston Tea Party and the first Thanksgiving
- stories about early peoples, such as the Egyptians and the Mayans, and the beginnings of world religions
- suggested activities to reinforce learning

GEOGRAPHY

- five themes of geography
- ground and aerial views
- four directions
- maps
- symbols and map keys
- globes

POETRY

- memorize and appreciate traditional and modern verse

GAMES AND ACTIVITIES

- oriented toward skills development

First Grade Math Course

BOOKS

First Grade *Calvert Math*

First Grade *Practice & Enrichment Work Pages*

First Grade Calvert Math Lesson Manual

MATHEMATICS

- counting, skip-counting, counting on
- reading and writing 1 – and 2-digit numbers to 100
- money: working with penny, nickel, dime, quarter
- adding and subtracting money
- geometry: three-dimensional figures, symmetry, circle, square, rectangle, triangle, sphere, cone, cylinder, cube
- fractions: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$
- place value
- telling time: hour and half hour
- measuring: lines (inch, centimeter, foot); liquid (cup, pint, quart, liter); weight (pounds, kilogram)
- problem solving
- parts of sets
- adding and subtracting 2-digit numbers