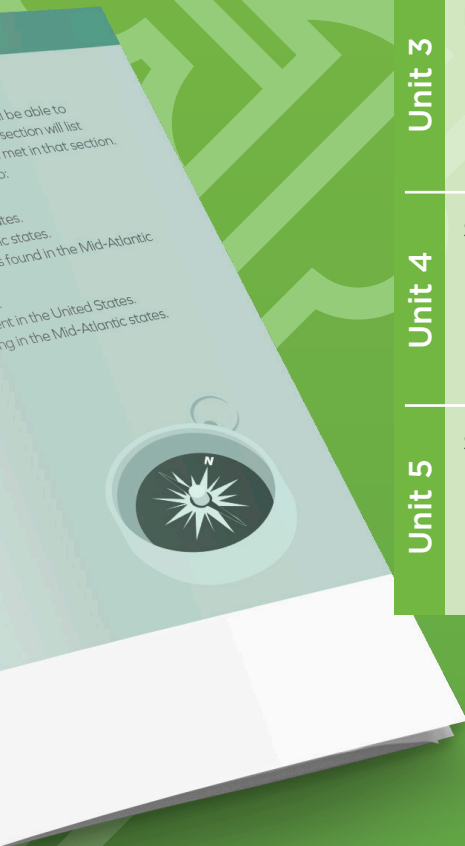


Calvert 3rd Grade History & Geography provides a comprehensive study of United States Geography. Each unit explores a collection of states through in-depth lessons on their geography, resources, and community.



Scope & Sequence

Unit 1	<p>U.S. GEOGRAPHY AND HISTORY STUDY SKILLS</p> <ul style="list-style-type: none"> • Map skills • Resources • Community 	Unit 6	<p>GREAT LAKES STATES</p> <ul style="list-style-type: none"> • OH, IN, IL, MI, WI, and MN • Great Lakes geography • Great Lakes resources • Great Lakes community
Unit 2	<p>NEW ENGLAND STATES</p> <ul style="list-style-type: none"> • ME, NH, VT, MA, RI, and CT • New England geography • New England resources • New England community 	Unit 7	<p>MIDWESTERN STATES</p> <ul style="list-style-type: none"> • ND, SD, NE, KS, MO, and IA • Midwestern geography • Midwestern resources • Midwestern community
Unit 3	<p>MID-ATLANTIC STATES</p> <ul style="list-style-type: none"> • NY, PA, NJ, DE, MD, and DC • Mid-Atlantic geography • Mid-Atlantic resources • Mid-Atlantic community 	Unit 8	<p>MOUNTAIN STATES</p> <ul style="list-style-type: none"> • MT, ID, WY, NV, UT, CO, AZ, and NM • Mountain geography • Mountain resources • Mountain community
Unit 4	<p>SOUTHERN-ATLANTIC STATES</p> <ul style="list-style-type: none"> • WV, VA, NC, SC, GA, and FL • Southern Atlantic geography • Southern Atlantic resources • Southern Atlantic community 	Unit 9	<p>PACIFIC STATES</p> <ul style="list-style-type: none"> • WA, OR, CA, AK, and HI • Pacific geography • Pacific resources • Pacific community
Unit 5	<p>SOUTHERN STATES</p> <ul style="list-style-type: none"> • KY, TN, MS, LA, AL, OK, TX, and AR • Southern geography • Southern resources • Southern community 	Unit 10	<p>U.S. GEOGRAPHY AND HISTORY REVIEW</p> <ul style="list-style-type: none"> • U.S. geographical features • Eastern U.S. review • Western U.S. review

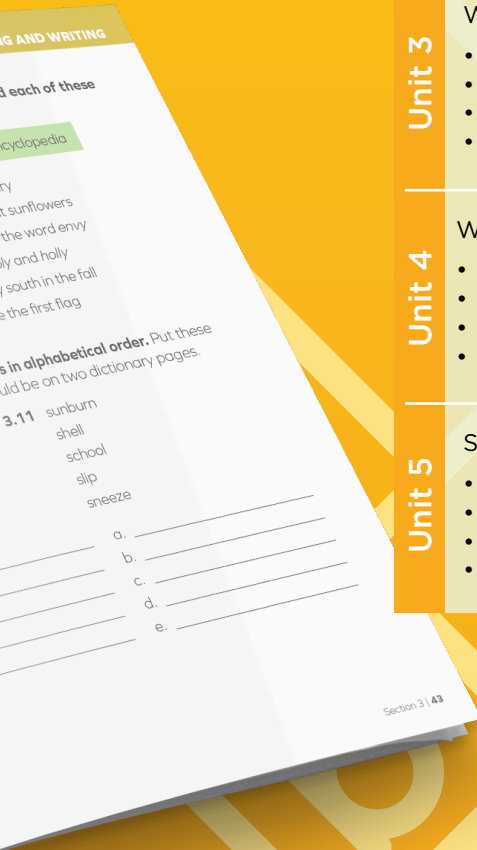


Calvert 3rd Grade Language Arts integrates phonics, reading, and grammar into one fun-filled homeschool course. This comprehensive language course covers age-appropriate concepts such as sentence structure, vocabulary, parts of speech, and reading comprehension.



Scope & Sequence

Unit 1	<p>OLD AND NEW SKILLS</p> <ul style="list-style-type: none"> • Vowels and consonants • Sentence phrases • Capital letters • Reading skills 	Unit 6	<p>ALL ABOUT BOOKS</p> <ul style="list-style-type: none"> • Main idea • Books • Stories and fables • Poems • Critical thinking
Unit 2	<p>BUILDING WORDS AND SENTENCES</p> <ul style="list-style-type: none"> • Long and short vowels • Questions • ABC order • Capital letters 	Unit 7	<p>READING AND WRITING</p> <ul style="list-style-type: none"> • For directions • Friendly letters • Pronouns • Fact and fiction
Unit 3	<p>WORDS: GETTING TO THE ROOTS</p> <ul style="list-style-type: none"> • Root words • Dictionary guide words • Synonyms and antonyms • Capital letters 	Unit 8	<p>READING SKILLS</p> <ul style="list-style-type: none"> • For sequence • For detail • Being and compound verbs • Drama
Unit 4	<p>WORDS: HOW TO USE THEM</p> <ul style="list-style-type: none"> • Noun and verb • Adjective and adverb • Irregular vowels • Composition 	Unit 9	<p>MORE READING AND WRITING</p> <ul style="list-style-type: none"> • For information • Thank-you letters • Book reports • Reference books
Unit 5	<p>SENTENCE: START TO FINISH</p> <ul style="list-style-type: none"> • Main idea • Capital letters and punctuation • Paragraphs • Making words plural 	Unit 10	<p>READING AND WRITING SKILLS REVIEW</p> <ul style="list-style-type: none"> • Reading for comprehension • Sentence punctuation • Writing letters • Parts of speech



Calvert 3rd Grade Math provides a deeper understanding of basic math concepts and an introductory study of algebra and geometry. Ten comprehensive units set the foundation needed for advanced mathematics with lessons on multiplication, variables, fractions, area and perimeter, and measurements.



Scope & Sequence

Unit 1	<p>ADD/SUB TO 18 AND PLACE VALUE</p> <ul style="list-style-type: none"> • Digits, place value to 999 • Add and subtract • Linear measurements • Operation symbols: $+$, $-$, $=$, \neq, $>$, $<$ • Time 	Unit 6	<p>MULTIPLICATION, LINES, AND ANGLES</p> <ul style="list-style-type: none"> • Add and subtract to 9,999 • Multiples and multiplication facts for 2 • Area and equivalent fractions • Line graphs, segments, and angles • Money
Unit 2	<p>CARRYING AND BORROWING</p> <ul style="list-style-type: none"> • Fact families, patterns, and fractions • Add and subtract with carrying and borrowing • Skip count 2s, 5s, 10s • Money, shapes, lines • Even and odd 	Unit 7	<p>ADD/SUB MIXED NUMBERS, PROBABILITY</p> <ul style="list-style-type: none"> • Multiplication facts for 5 and missing numbers • Add and subtract mixed numbers • Subtract with 0s in the minuend • Circle graphs • Probability
Unit 3	<p>FACTS OF ADD/SUB AND FRACTIONS</p> <ul style="list-style-type: none"> • Add 3 numbers w/ carrying • Coins, weight, volume, a.m./p.m. • Fractions • Skip count 3s, subtract w/ borrowing • Oral instructions 	Unit 8	<p>MEASUREMENTS AND MULTIPLICATION</p> <ul style="list-style-type: none"> • Multiplication facts for 3 & 10, multiples of 4 • Convert units of measurement • Decimals and directions • Picture graphs and missing addends • Length and width
Unit 4	<p>ROUND, ESTIMATE, STORY PROBLEMS</p> <ul style="list-style-type: none"> • Place value to 9,999 • Rounding to the 10s and estimating • Add and subtract fractions • Roman numerals • $\frac{1}{4}$ inch 	Unit 9	<p>MULT, METRICS, AND PERIMETER</p> <ul style="list-style-type: none"> • Add and subtract whole numbers, fractions, and mixed numbers • Standard measurements and metrics • Operation symbols • Multiplication facts for 4
Unit 5	<p>PLANE SHAPES AND SYMMETRY</p> <ul style="list-style-type: none"> • Number sentences • Rounding to the 100s and estimation • Perimeter and square inch • Bar graph, symmetry, and even/odd rules • Temperature 	Unit 10	<p>PROBABILITY, UNITS, AND SHAPES</p> <ul style="list-style-type: none"> • Addition and subtraction • Rounding to the 1,000s place and estimating • Probability, equations, and parentheses • Perimeter and area • Multiplication facts for 2, 3, 4, 5, and 10



Calvert 3rd Grade Science is a well-rounded course covering concepts across all areas of science. Presented in ten colorful units, this course captivates students with lessons on plants, animals, physical properties, the environment, and more.



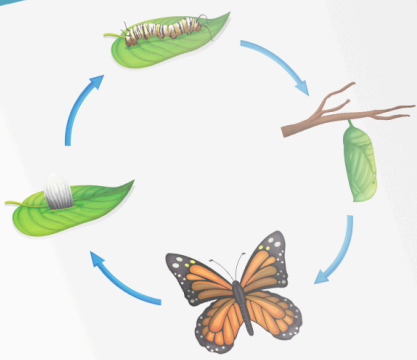
Time Zones

Time zones make it easier to tell what time it is on every part of the earth. The earth is divided into twenty-four time zones. Each zone covers a part of the earth's surface. Each time zone is equal to one hour. All of the clocks within one of the time zones are set to the same time. These worldwide time zones were established in 1884. The map of the world shows approximately how the world's surface is divided into twenty-four time zones. Most of the United States lies within four different time zones. These four time zones are Eastern, Central, Mountain, and Pacific. The map on the next page shows the location of these four time zones in the United States.



28 | Section 2

Butterfly metamorphosis



The third stage in the life of a butterfly is when the larva goes into a resting stage called the **pupa**. In the pupa stage, the animal will no longer look like a worm. The final thing that a larva does is to attach itself on a twig. There the animal will remain for some time not moving or eating. This is the pupa stage. A new covering forms on the outside of the hanging animal. The animal inside is changing. When everything is just right, an adult butterfly will come from the pupa skin. The adult stage is the fourth stage of a butterfly's life. The adult butterfly will lay eggs and the cycle will start over again. The animal must be strong in all of the four stages of metamorphosis. Every time you see a butterfly, moth, or even a housefly, think about these stages of change. The animal that you will be looking at had to survive these stages.

50 | Section 3

- Fill in the blanks.**
- List the four stages of metamorphosis of a butterfly.
 - _____
 - _____
 - _____
 - _____
 - The skin of a larva cannot grow and must shed. This is called _____.
 - Arrange these stages into the proper order.

adult	larva	egg	pupa
-------	-------	-----	------

 - _____
 - _____
 - _____

The adult female of a butterfly is able to lay eggs. Some time after the adult male butterfly adds substance to the eggs, the eggs will hatch into larvae. The larvae will change to the pupa stage. The pupae will become adults. The adults will become parents. The cycle continues.

Scope & Sequence

Unit 1	<p>YOU GROW AND CHANGE</p> <ul style="list-style-type: none"> • Air we breathe • Food for the body • Exercise and rest • You are different 	Unit 6	<p>SOUNDS AND YOU</p> <ul style="list-style-type: none"> • Making sounds • Different sounds • How sounds move • How sounds are heard
Unit 2	<p>PLANTS</p> <ul style="list-style-type: none"> • Plant parts • Plant growth • Seeds and bulbs • Stems and roots 	Unit 7	<p>TIMES AND SEASONS</p> <ul style="list-style-type: none"> • The earth rotates • The earth revolves • Time changes • Seasons change
Unit 3	<p>ANIMAL AND ENVIRONMENT CHANGES</p> <ul style="list-style-type: none"> • What changes an environment • How animals are different • How animals grow • How animals change 	Unit 8	<p>ROCKS AND THEIR CHANGES</p> <ul style="list-style-type: none"> • Forming rocks • Changing rocks • Rocks for buildings • Rock collecting
Unit 4	<p>YOU ARE WHAT YOU EAT</p> <ul style="list-style-type: none"> • Food helps your body • Junk foods • Food groups • Good health habits 	Unit 9	<p>HEAT ENERGY</p> <ul style="list-style-type: none"> • Sources of heat • Heat energy • Moving heat • Benefits and problems of heat
Unit 5	<p>PROPERTIES OF MATTER</p> <ul style="list-style-type: none"> • Robert Boyle • States of matter • Physical changes • Chemical changes 	Unit 10	<p>PHYSICAL CHANGES</p> <ul style="list-style-type: none"> • Change in man • Change in plants • Matter and time • Sound and energy

