



CALVERT™
PUBLICATIONS

Grades PreK-5

Calvert Education Curriculum

How to Use Calvert PreK-5

Calvert Curriculum focuses on mastery-based learning. Mastery occurs when students truly “master” the content or skills taught in one learning experience before progressing. This concept varies substantially from traditional academic programs, where students grouped together by grade levels progress through the same academic material in the same prescribed amount of time. Real mastery is seldom experienced by all students when that technique is used.



Calvert Preschool

These flexible courses easily can be adapted to a variety of daily schedules and program objectives. Each set features a student book with colorful, hands-on lessons, as well as a teacher’s guide stuffed with answer keys, lesson plans, and tips to enrich your child’s learning. Each set also includes a separate resource book with full-color pages of practice to reinforce foundational concepts.



Calvert Kindergarten

The Teacher’s Guide has an extensive lesson plan for each page in the student book. This plan is accompanied by a reduced student page with answer overlays. There are two student books for each subject. The pages are perforated for easy removal. The Kindergarten curriculum does not have any tests. Instead, an oral evaluation is available after each block of 40 lessons.



Calvert First Grade

The two-part Teacher’s Guide has an extensive lesson plan for teaching each page in the student books. This plan is accompanied by a reduced student page with answer overlays. There are ten student books for each of the four subjects. Each unit has a self test for each section and a final unit test. The final test is to be removed from the back of the workbook before the student begins the unit. The Teacher’s Guides also include reproducible worksheets and alternative unit tests.

Workbooks



Calvert Second Grade

The focus in kindergarten and grade one is on developing the reading and comprehension skills. The object is to prepare students to apply those skills for independent learning. The second grade course is designed for independent study with teacher and parent guidance. The Teacher's Guide is primarily an answer key with duplication masters for alternative tests. Some courses have supplemental learning activities that reinforce and extend the information covered in the units.



Calvert Third Grade

Give your child a well rounded education with Calvert 3rd Grade. This colorful grade set contains lessons in the core subjects of history and geography, language arts, math, and science for third grade. Based on the concept of mastery learning, this self-paced curriculum promotes critical thinking skills and independent study. Conveniently coordinated lessons, exercises, projects, review, and tests help reinforce concepts and build strong academic foundations.



Calvert Fourth Grade

This dynamic course includes everything you need for a full year of learning. The complete set contains lessons in the core subjects of history and geography, language arts, math, and science for 4th grade. Based on the concept of mastery learning, this self-paced curriculum promotes critical thinking skills and independent study.



Calvert Fifth Grade

Dynamic courses in the core subjects of History & Geography, Language Arts, Math, and Science, Calvert 5th grade includes everything teachers and students need for a full year of curriculum. Each individual course is complete with 10 individual worktexts and a comprehensive teacher's guide. Self-paced and conveniently coordinated lessons, exercises, projects, review, and tests help reinforce concepts, promote critical thinking skills and independent study, and build strong academic foundations.

PRESCHOOL FOR THREES

Calvert Preschool for Threes prepares your child for a lifetime of learning. Hands-on activities and engaging lessons are easy to teach and fun to learn, making this preschool program a favorite of both kids and parents. These flexible courses easily can be adapted to a variety of daily schedules and program objectives.



Scope & Sequence

Lessons 1-10	Lessons 11-20	Lessons 21-30	Lessons 31-40
<ul style="list-style-type: none"> • Introduce and identify colors • Introduce letters Aa-Hh • Learn left to right • Identify numbers 1-4 • Discuss personal hygiene • Introduce opposites • Experiment with items that float and sink 	<ul style="list-style-type: none"> • Identify matching numbers 1-5 • Introduce letters Hh-Mm • Recognize numbers 5-9 • Identify traffic signs • Introduce calendars and days of the week • Practice writing and drawing lines • Discuss how seeds grow 	<ul style="list-style-type: none"> • Grow an avocado from a seed • Introduce letters Nn-Tt • Practice pattern recognition • Recognize the number 10 • Recognize items in groups of 10 • Learn concepts of hot and cold • Match animals to their habitats 	<ul style="list-style-type: none"> • Practice memory skills • Introduce letters Uu-Zz • Measure with a ruler • Identify numbers 1-10 • Experiment with magnets • Arrange items from first to last • Mix colors to form new colors

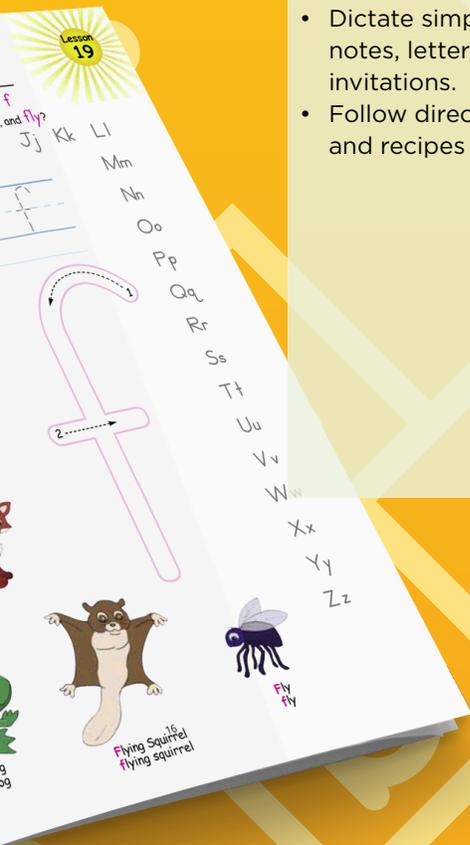


Calvert Preschool Phonics prepares your child for reading success with colorful curriculum. Hands-on activities and engaging lessons are easy to teach and fun to learn, making this phonics course a favorite of both kids and parents. This flexible program easily can be adapted to a variety of daily schedules and program objectives.



Scope & Sequence

Lessons 1-45	Lessons 46-90	Lessons 91-135	Lessons 136-180
<ul style="list-style-type: none"> Recognize letters and sounds (A-N) Learn upper and lowercase letters (A-N) Recognize and begin writing first names Master holding a pencil correctly Practice writing strokes Recite action rhymes and poems Student address Dictate simple notes, letters, and invitations. Follow directions and recipes 	<ul style="list-style-type: none"> Recognize letters and sounds (O-Z) Learn upper and lowercase letters (O-Z) Differentiate between various letters using colors and shapes Introduce blending of sounds (A-B) Recite action rhymes and poems Dictate descriptions of drawings or experiences Identify spoken and written words Introduce multiple word sentences Write names freehand Begin blending of compound words 	<ul style="list-style-type: none"> Blend sounds (C-N) Identify names and sounds of letters and beginning sounds of words Use simplified, phone listing Follow directions to complete a project Blend compound words Write names freehand Use a computer to type first names Begin "About Me" learning log Learn action rhymes Spell words/names with alphabet cards Listen to animal stories Comparative words Alphabetize cards 	<ul style="list-style-type: none"> Review blending of sounds Aa-Zz Review initial sounds of Aa-Zz Review recognition of letters Aa-Zz Use descriptive words to describe textures Learn the five senses Complete sentences that helps students express feelings Classify food using a food group chart Practice talking in complete sentences through questioning and answering. Discuss positive work habits Use invented spelling in writing Identify phonemes while hearing words Write addresses and phone number Complete "About Me" learning log



Calvert Preschool Math encourages early math skills. Hands-on activities and engaging lessons are easy to teach and fun to learn, making this math course a favorite of both kids and parents. This flexible program easily can be adapted to a variety of daily schedules and program objectives.



Scope & Sequence

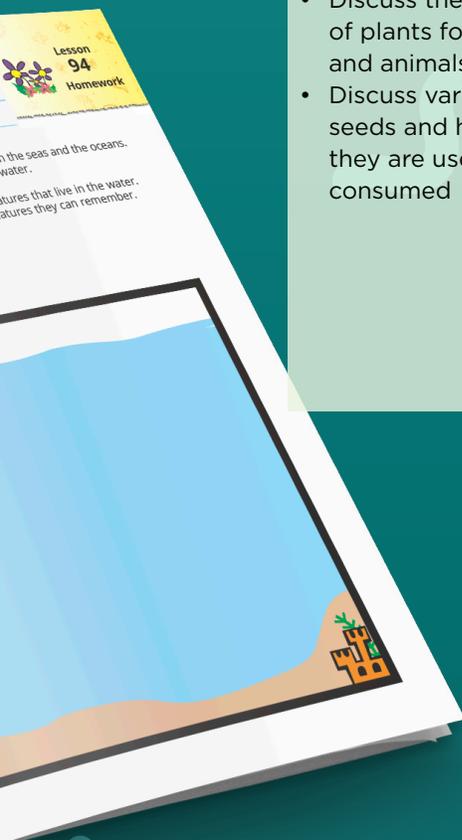


Lessons 1-45	Lessons 46-90	Lessons 91-135	Lessons 136-180
<ul style="list-style-type: none"> • Learn numbers 1-9 • Complete dot-to-dot from 1 to 9 • Count from 1 to 10. • Identify values of numbers by counting groups of objects • Match pictures with a number • Identify properties of a triangle, circle, square, and rectangle • Find shapes in everyday life • Look for similarities and differences between various shape drawings • Review the colors red, green, blue, black, white, yellow, brown, pink, purple, orange, and gray 	<ul style="list-style-type: none"> • Learn numbers 0-12 • Practice number recognition of 1-20 • Count forwards and backwards • Learn $1+1=2$ • Complete dot-to-dot activities • Review simple addition using counters • Tell time to the hour using digital and analog clocks • Sing songs about time and numbers • Review correlation between a specific number and an amount of objects. • Review triangle, circle, square, rectangle, star, and heart shapes. • Introduce the oval shape 	<ul style="list-style-type: none"> • Learn simple addition ($2+1=3$, $3+1=4$, $4+1=5$, $5+1=6$) • Introduce subtraction ($2-1=1$) • Review correlation between a specific number and an amount of objects • Learn the diamond shape • Review triangle, circle, square, rectangle, star, heart, and oval shapes • Solve puzzles using shapes • Sort and classify basic shapes • Review shapes using dot-to-dot activities • Complete simple patterns 	<ul style="list-style-type: none"> • Practice subtraction ($3-1=2$, $4-1=3$, $5-1=4$, $6-1=5$) • Review addition and subtraction • Solve addition and subtraction problems using manipulatives • Review correlation between a specific number and an amount of objects • Show understanding of addition and subtraction • Measure handprints using non-standard units of measurement • Connect dots to finish a puzzle • Create simple patterns • Review bike safety

Calvert Preschool Electives encourages discovery learning and creates meaningful learning experiences with hands-on activities and engaging lessons that are easy to teach and fun to learn. This flexible program can be adapted to a variety of daily schedules and program objectives.



Scope & Sequence



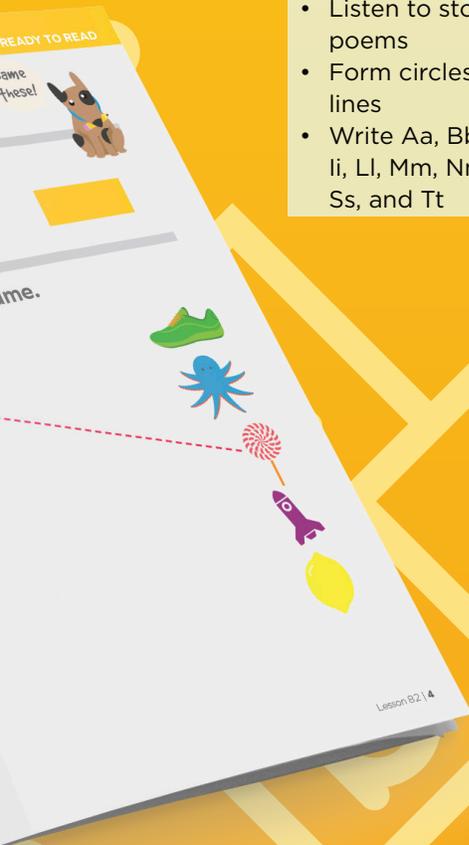
Lessons 1-45	Lessons 46-90	Lessons 91-135	Lessons 136-180
<ul style="list-style-type: none"> • Discuss and explore family relationships • Discover nature and introduce the environment • Recognize concepts of left and right • Define self space and general space • Discuss air and its impact on nature • Explore plant life and its life cycle • Discuss the purpose of plants for people and animals • Discuss various seeds and how they are used or consumed 	<ul style="list-style-type: none"> • Learn about various parts of a tree • Explore different produce and their classification • Discuss how plants have medicinal purposes • Introduce space and the solar system • Identify the four seasons • Learn about astronauts • Discuss seasonal weather patterns • Discuss characteristics of stars and planets 	<ul style="list-style-type: none"> • Explore the characteristics of fish • Review the life cycle of a frog • Discuss pollution and how it affects our water supply and animals • Explore the characteristics of birds, reptiles, and insects • Discuss endangered birds and the risk of extinction • Learn the characteristics specific to mammals • Classify mammals and non-mammals 	<ul style="list-style-type: none"> • Introduce the different body systems • Discuss the five senses • Discuss the kinds of tools needed for different jobs • Discuss the importance of following the rules • Introduce natural laws • Discover and examine fossils • Discuss the importance of friends • Learn about the importance of community

Getting Ready to Read, Calvert Kindergarten Language Arts is an introductory language course which focuses on the key components of phonics and basic language skills. Two vibrant workbooks filled with drills in consonants, vowels, and blending establish the foundation for reading. A comprehensive teacher's guide is included in this Calvert course, allowing for structure and ease of planning.



Scope & Sequence

Lessons 1-40	Lessons 41-80	Lessons 81-120	Lessons 121-160
<ul style="list-style-type: none"> • Say the alphabet • Recognize colors • Learn left to right • Following directions • Form simple sentences • Listening skills • Learn short a, e, i vowels • Form and read simple words • Review circle, square, triangle, and rectangle shapes • Listen to stories and poems • Form circles and lines • Write Aa, Bb, Dd, Ee, Ii, Ll, Mm, Nn, Pp, Rr, Ss, and Tt 	<ul style="list-style-type: none"> • Learn that sentences begin with a capital, end with a period • Review simple shape and color patterns • Read and write first and last name • review short a, e, i, o, and u vowels • Learn position/direction Concepts • Learn alphabetical sequencing • Learn oval shapes • Learn sizing concepts • Write Kk, Cc, Ff, Hh, Oo, Gg, Jj, Vv, Ww, Uu, Yy, Zz, Qq, and Xx 	<ul style="list-style-type: none"> • Recognize short vowel sounds • Recognize all initial consonants • Recognize long vowel sounds • Recognize color, number, and shape words • Write first and last name • Write all upper and lowercase letters • Write all color words • Write number words up to six • Write circle, square, and triangle 	<ul style="list-style-type: none"> • Recognize long vowel sounds • Recognize all final consonant sounds • Create, tell, and recite stories and poems • Recognize position/direction words: up/down, high/low, in/inside, out/outside • Write number words up to ten • Write rectangle, oval, and star • Write position/direction words: up/down, high/low, in/inside, out/outside



Getting Ready for Math, Calvert Kindergarten Math is full of fun learning activities designed to build a strong math foundation. With a focus on the fundamentals of elementary math, this course provides colorful instruction and practice in core concepts such as counting, comparisons, number order, time, money, addition, and subtraction. This Calvert course includes two large workbooks and a teacher's guide.



Scope & Sequence

Lessons 1-40	Lessons 41-80	Lessons 81-120	Lessons 121-160
<ul style="list-style-type: none"> • Identify directions • Make comparisons: big/little, alike/different • Practice matching • Learn cardinal and ordinal numbers to 9 and 9th • Identify colors: red, yellow, blue, green, purple, brown • Identify shapes: circle, square, rectangle, triangle • Practice number order • Identify before and after • Practice problem solving 	<ul style="list-style-type: none"> • Practice directions and comparisons • Matching • Learn cardinal numbers to 12 • Identify the colors orange • Review shapes: circle, square, rectangle, Triangle • Practice number order • Practice before and after • Practice problem solving • Learn number words to Nine • Learn addition to 9 • Review number bonds 	<ul style="list-style-type: none"> • Practice directions and comparisons • Matching • Learn cardinal numbers to 19 • Identify the colors black and white • Learn shapes: circle, square, rectangle, triangle, cube, prism, cone, cylinder, sphere • Practice problem solving • Learn addition of multiples of 10 • Learn subtraction • Learn place value • Learn time/calendar • Review number bonds 	<ul style="list-style-type: none"> • Practice directions and comparisons • Matching • Learn cardinal numbers to 100 • Identify the color pink • review shapes: circle, square, rectangle, triangle, cube, prism, cone, cylinder, sphere • Practice addition and multiples of 10 • Learn subtraction • Introduce the concept of money • Introduce skip counting: 2s, 5s, 10s • Learn greater/less than



Your World, Calvert 1st Grade History & Geography is a mastery-based approach to teaching your child about history, geography, and living in the world. Ten engaging workbooks in this Calvert course present lessons on being special in a community, communication, living in a family, farms, cities, community helpers, our country, our world, and more!



Scope & Sequence

Unit 1	<p>I AM A SPECIAL PERSON</p> <ul style="list-style-type: none"> • Why You Are Special • All About You • Acting Like A Special Person 	Unit 6	<p>PLACES PEOPLE LIVE</p> <ul style="list-style-type: none"> • Life on the Farm • Life in the City • Life by the Sea
Unit 2	<p>LET'S COMMUNICATE</p> <ul style="list-style-type: none"> • Communicating With Sound • Communicating Silently • Communicating with Others 	Unit 7	<p>COMMUNITY HELPERS</p> <ul style="list-style-type: none"> • Helper Who Keep You Safe • People Who Help You Stay Well • Friends Who Help You Learn
Unit 3	<p>I HAVE FEELINGS</p> <ul style="list-style-type: none"> • I Feel Sad • I Feel Happy • I Feel Many Things 	Unit 8	<p>I LOVE MY COUNTRY</p> <ul style="list-style-type: none"> • How America Was Discovered • How the United States Began • Show Respect for Your Country
Unit 4	<p>I LIVE IN A FAMILY</p> <ul style="list-style-type: none"> • Meet My Mother and Father • Meet the Rest of My Family • Learn What My Family Does 	Unit 9	<p>I LIVE IN THE WORLD</p> <ul style="list-style-type: none"> • The World Around Us • Friends in Mexico • Friends in Japan
Unit 5	<p>YOU BELONG TO FAMILIES</p> <ul style="list-style-type: none"> • Getting Ready in the Morning • Being Part of a Team • The Neighborhood Family 	Unit 10	<p>THE WORLD AND YOU</p> <ul style="list-style-type: none"> • You Are Special • Your Family • Your World



Alphabet Sounds, Calvert 1st Grade Language Arts is a comprehensive language course which integrates phonics, reading, and grammar into one fun-filled course. Ten colorful workbooks, five vocabulary-controlled readers and a complete teacher's guide make this a great choice for an easy-to-use reading program! Reading Basics, a set of five required beginning-level readers, are included in this Calvert curriculum set.



Scope & Sequence

Unit 1	<p>ALPHABET AND SHORT VOWEL SOUNDS</p> <ul style="list-style-type: none"> • Short a, e, i, o and u • Consonants • Rhyming Words 	Unit 6	<p>R-CONTROLLED VOWELS AND PLURAL WORDS</p> <ul style="list-style-type: none"> • Reading and Understanding Stories • Following Directions • Pronouns
Unit 2	<p>RHYMING WORDS, ADDING “-ING”</p> <ul style="list-style-type: none"> • Plural Words • Telling Stories • Listening and Exclamations 	Unit 7	<p>VOWEL DIGRAPHS AND SENTENCES</p> <ul style="list-style-type: none"> • Kinds of Sentences • Consonant Blends and Suffixes • Letters and Verb Forms
Unit 3	<p>CONSONANT DIGRAPHS, SOFT C AND G</p> <ul style="list-style-type: none"> • Contractions • Possessive Words • Compound Words 	Unit 8	<p>VOWEL DIGRAPHS AND POSSESSIVE WORDS</p> <ul style="list-style-type: none"> • Alphabetical Order • Words with qu • Writing Sentences
Unit 4	<p>VERBS, BLENDS, AND SILENT LETTERS</p> <ul style="list-style-type: none"> • Cardinal and Ordinal Numbers • Subject-Verb Agreement • Writing Stories 	Unit 9	<p>DIPHTHONGS AND CONTRACTIONS</p> <ul style="list-style-type: none"> • Diphthongs ou, ow, oi, and oy • Main Ideas • Abbreviations
Unit 5	<p>LONG VOWELS AND SYLLABLES</p> <ul style="list-style-type: none"> • Long a, e, i, o, and u • Contractions and Possessives • Double Consonants 	Unit 10	<p>PHONICS AND GRAMMAR REVIEW</p> <ul style="list-style-type: none"> • Letters, Sounds, and Words • Sequence • Main Ideas



Addition and Subtraction, Calvert 1st Grade Math focuses on the basics of elementary math. Ten colorful workbooks in this Calvert course provide instruction and practice in concepts such as number order, number words to 200, place value, addition, subtraction, time, and fractions. This course was created to instill a strong and comprehensive math foundation!



Scope & Sequence

Unit 1	<p>NUMBER ORDER, ADD/SUBTRACT</p> <ul style="list-style-type: none"> Count to 99 Measurements and Shapes Story Problems 	Unit 6	<p>NUMBER WORDS TO 99</p> <ul style="list-style-type: none"> Add to 18 Add 10s and 1s Time to Quarter Hour
Unit 2	<p>ADD/SUBTRACT TO 10, SHAPES</p> <ul style="list-style-type: none"> Ones and Tens Place Numbers as Words Patterns, Sequences, Estimation 	Unit 7	<p>COUNT TO 200, SUBTRACT TO 12</p> <ul style="list-style-type: none"> Ordinal Numbers A.M and P.M. Skip Counting
Unit 3	<p>FRACTIONS, TIME, AND SYMBOLS</p> <ul style="list-style-type: none"> Reading a Number Sentence Oral Directions Number Order to 100 	Unit 8	<p>ADD/SUBTRACT TO 18</p> <ul style="list-style-type: none"> Two-Digit and Columnar Addition Operation Symbols Graphs and Number Lines
Unit 4	<p>ADD TO 18, MONEY, MEASUREMENT</p> <ul style="list-style-type: none"> Skip Counting Pennies and Dimes Place Value 	Unit 9	<p>SENSIBLE ANSWERS</p> <ul style="list-style-type: none"> Family of Facts Skip Counting and Shapes Subtract Two-Digit Numbers
Unit 5	<p>COLUMN ADDITION, ESTIMATION</p> <ul style="list-style-type: none"> Number Lines and Charts Number Order and Fractions Ordinal Numbers 	Unit 10	<p>COURSE REVIEW</p> <ul style="list-style-type: none"> Fractions and Patterns Directions and Graphs Measurements



Your Senses, Calvert 1st Grade Science begins the process of teaching important principles of observation which will in turn assist children as they learn about the physical universe. Ten colorful workbooks in this Calvert course present lessons on the human body, the five senses, animals, plants, energy, health, machines, and the beautiful world!



Scope & Sequence

Unit 1	<p>LIGHT</p> <ul style="list-style-type: none"> • Light as Energy • Cause of Shadows • Reflection of Light 	Unit 6	<p>GROWING UP HEALTHY</p> <ul style="list-style-type: none"> • Growing Plants and Animals • Eating and Sleeping • Exercising
Unit 2	<p>YOU LEARN WITH YOUR EARS</p> <ul style="list-style-type: none"> • You Hear Sounds • You Learn About Sound • You Make Sounds 	Unit 7	<p>OUR BEAUTIFUL WORLD</p> <ul style="list-style-type: none"> • The Land • The Water • The Weather and Seasons
Unit 3	<p>MORE ABOUT YOUR SENSES</p> <ul style="list-style-type: none"> • Smell and Taste • Touch: The Sense of Feeling • The Senses: A Review 	Unit 8	<p>ENERGY</p> <ul style="list-style-type: none"> • Types of Energy • Energy That We Use • Saving Energy
Unit 4	<p>ANIMALS</p> <ul style="list-style-type: none"> • Wild Animals • Farm Animals • Pet Animals 	Unit 9	<p>MACHINES AROUND YOU</p> <ul style="list-style-type: none"> • Levers • Wheels • Incline Planes
Unit 5	<p>PLANTS</p> <ul style="list-style-type: none"> • Plants in Nature • Plants on a Farm • Plants at Home 	Unit 10	<p>WONDERFUL WORLD OF SCIENCE</p> <ul style="list-style-type: none"> • You Use Your Senses • You Use Your Mind • You Use Your Love



U.S. History, Calvert 2nd Grade History & Geography gives students an introduction to the history of the United States of America. Ten engaging workbooks present lessons on the trail of the Native Americans, the different branches of the government, westward expansion, and America's pioneers. The course also includes a comprehensive study of maps.



Scope & Sequence

Unit 1	<p>LOOKING BACK</p> <ul style="list-style-type: none"> • Learning about Early Times • The Trail of the Native Americans • Symbols and Historic Places 	Unit 6	<p>WESTWARD—FROM THE ORIGINAL COLONIES</p> <ul style="list-style-type: none"> • The United States Grows • The Lewis and Clark Expedition • The Old Southwest
Unit 2	<p>SETTLING THE NEW WORLD</p> <ul style="list-style-type: none"> • The First Settlers • Colonies of the New World • The War for Independence 	Unit 7	<p>SETTLING THE FRONTIER</p> <ul style="list-style-type: none"> • The Texas Frontier • Westward Expansion • Meet America’s Pioneers
Unit 3	<p>A NEW GOVERNMENT FOR A NEW COUNTRY</p> <ul style="list-style-type: none"> • A Study of Government • Creating a Government • Our Government 	Unit 8	<p>EXPLORING AMERICA WITH MAPS</p> <ul style="list-style-type: none"> • Directions on a Map • Reading Roads and Symbols • Natural Features
Unit 4	<p>GOVERNMENT UNDER THE CONSTITUTION</p> <ul style="list-style-type: none"> • The Legislative Branch • The Executive Branch • The Judicial Branch 	Unit 9	<p>PAST, PRESENT, AND FUTURE MAPS</p> <ul style="list-style-type: none"> • City Maps • Building Maps • History of Maps
Unit 5	<p>OUR GOVERNMENT CLOSE TO HOME</p> <ul style="list-style-type: none"> • Our State Government • Our Local Government • Citizens of the United States 	Unit 10	<p>REVIEW UNITED STATES HISTORY</p> <ul style="list-style-type: none"> • The United States Begins • Creating a Government • Mapping the United States



The Parts of Speech, Calvert 2nd Grade Language Arts

integrates grammar, spelling, reading, and writing into one course. Building on a strong phonics base, this language course touches on critical language topics such as developing sentences, punctuation, prefixes, suffixes, nouns, verbs and much more!



Scope & Sequence

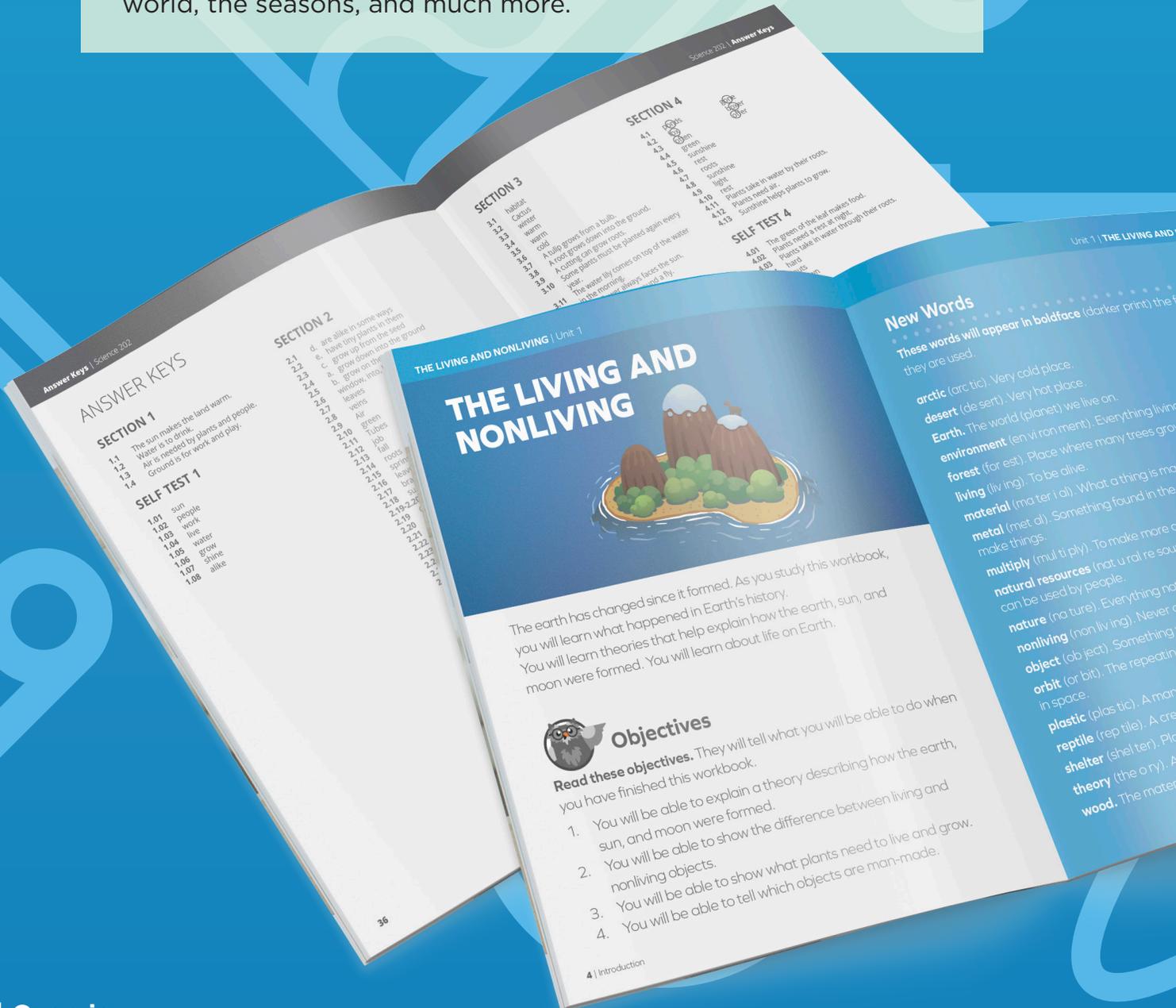
Unit 1	<p>KNOW YOUR NOUNS</p> <ul style="list-style-type: none"> Phonics - Short and Long Digraphs Spelling Words (Short Vowels) Ways to Communicate 	Unit 6	<p>ADJECTIVES</p> <ul style="list-style-type: none"> Contractions Making Words That Rhyme Comparative and Superlative Adjectives
Unit 2	<p>ACTION VERBS</p> <ul style="list-style-type: none"> Vowel Digraphs au, aw, ew Writing Nouns and Verbs in Sentences The Dictionary 	Unit 7	<p>POSSESSIVE NOUNS</p> <ul style="list-style-type: none"> Different Consonant Sounds Writing Parts of a Letter Homonyms
Unit 3	<p>SIMPLE SENTENCES</p> <ul style="list-style-type: none"> Beginning Consonant Blends Ending Consonant Blends Writing Complete Answers to Questions 	Unit 8	<p>PRONOUNS</p> <ul style="list-style-type: none"> Author's Intent and Use of Titles Recognizing Characters, Setting, and Plot Cursive Handwriting
Unit 4	<p>TYPES OF SENTENCES</p> <ul style="list-style-type: none"> Exclamation Sentences Using Capital Letters Subjects and Predicates 	Unit 9	<p>VERB TYPES AND TENSES</p> <ul style="list-style-type: none"> Dividing Words into Syllables Word Division Using a Dictionary Subject-Verb Agreement
Unit 5	<p>USING PUNCTUATION</p> <ul style="list-style-type: none"> Punctuation Review Vowel Digraphs and Diphthongs Rules for Making Words Plural 	Unit 10	<p>LOOKING BACK</p> <ul style="list-style-type: none"> Review Poetry Review Verb Tenses Review Dictionary Use



Carrying and Borrowing, Calvert 2nd Grade Math is filled with fun learning activities. Ten colorful workbooks in this course focus on the basics of elementary math, providing instruction in numbers to 1,000, operation symbols, measurements, shapes, rounding, addition, subtraction, time, estimation, and fractions. It was created to encourage a strong math foundation.



Our World, Calvert 2nd Grade Science This engaging course stresses the development of observation skills through instruction in major science strands. These strands—life sciences, earth and space sciences, physical sciences, and the nature of science—are an integral part of a complete study of the physical universe. Ten workbooks present lessons on man-made objects, how animals are alike and different, how people are alike and different, caring for pets, using the five senses, physical properties, caring for our world, the seasons, and much more.



Scope & Sequence

Unit 1	<p>THE LIVING AND NONLIVING</p> <ul style="list-style-type: none"> • Living and Nonliving Objects • Rock and Seed Experiment • Man-Made Objects 	Unit 6	<p>YOUR FIVE SENSES</p> <ul style="list-style-type: none"> • You Can See • You Can Smell • You Can Taste
Unit 2	<p>PLANTS</p> <ul style="list-style-type: none"> • How Plants Are Like People • How Plants Are Different • What Plants Need to Live 	Unit 7	<p>PHYSICAL PROPERTIES</p> <ul style="list-style-type: none"> • All About Colors • Shapes and Sizes • How Things Feel
Unit 3	<p>ANIMALS</p> <ul style="list-style-type: none"> • How Animals Are Alike • How Animals Are Different • What Animals Need to Live 	Unit 8	<p>OUR NEIGHBORHOOD</p> <ul style="list-style-type: none"> • What is Environment? • What is Pollution? • What is Ecology?
Unit 4	<p>YOU</p> <ul style="list-style-type: none"> • You Are Like Other People • You Are Part of a Family • You Need Good Health Habits 	Unit 9	<p>CHANGES IN OUR WORLD</p> <ul style="list-style-type: none"> • People and Animals Change • Weather and Plants Change • Land Changes
Unit 5	<p>PETS AND PLANT CARE</p> <ul style="list-style-type: none"> • All About Pets • All About Plants • Caring for Pets and Plants 	Unit 10	<p>LOOKING AT OUR WORLD</p> <ul style="list-style-type: none"> • All About Living Things • Nonliving Things • All Things Together



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.

MIDWESTERN STATES | Unit 7

Recreation

More than 3 million people visit Mount Rushmore in South Dakota each year. Mount Rushmore is home to a monument featuring the faces of four American presidents. Gutzon Borglum planned and directed how these four faces were going to be carved in the mountain. He wanted to celebrate the first 150 years of American history. George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln are featured on the mountain.

Work on the monument began in 1927. More than 400 workers spent time working on the monument. Dynamite was used to take away the parts of the mountain that would not be needed. Workers climbed more than 500 stairs to reach the places on the mountain where they would work. Each face is more than six stories high. Unfortunately, Borglum died in 1941. Unfortunately, Borglum died in 1941.

32 | Section 3



| Mount R

MID-ATLANTIC STATES

New York, Pennsylvania, New Jersey, Delaware, Maryland, and Washington, D.C.

In this unit, you will study the Mid-Atlantic region of the United States. As you look at the map below, you will see the area of the Mid-Atlantic states in pink. The Mid-Atlantic states are located on the East Coast of the United States. The country of Canada is north of these states. The Atlantic Ocean is to the east. The states of New York, Pennsylvania, New Jersey, Maryland, and Delaware make up the area, along with the United States' capital, Washington, D.C.



| 3

Unit 7 | MIDWESTERN STATES

It is much taller than the Washington monument in the nation's capital. Visitors can take elevators to the top of the arch. On a clear day, visitors can see at least thirty miles.

Midwestern visitors also enjoy the Henry Doorly Zoo in Omaha, Nebraska. Thousands of people visit the zoo each year.



Unit 3 | MID-ATLANTIC STATES

MID-ATLANTIC STATES | Unit 3

Objectives

Read these objectives. The objectives tell you what you will do when you have successfully completed this unit. Each objective is numbered. When you have finished this unit, you should be able to do the following:

1. Locate the Mid-Atlantic states.
2. Describe the geography of the Mid-Atlantic states.
3. List natural resources found in the Mid-Atlantic states.
4. State the types of businesses and employment in the Mid-Atlantic region.
5. Identify some of the Mid-Atlantic settlers.
6. Recognize the importance of government in the Mid-Atlantic states.
7. Identify the pastimes of the people living in the Mid-Atlantic states.

| 4

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.

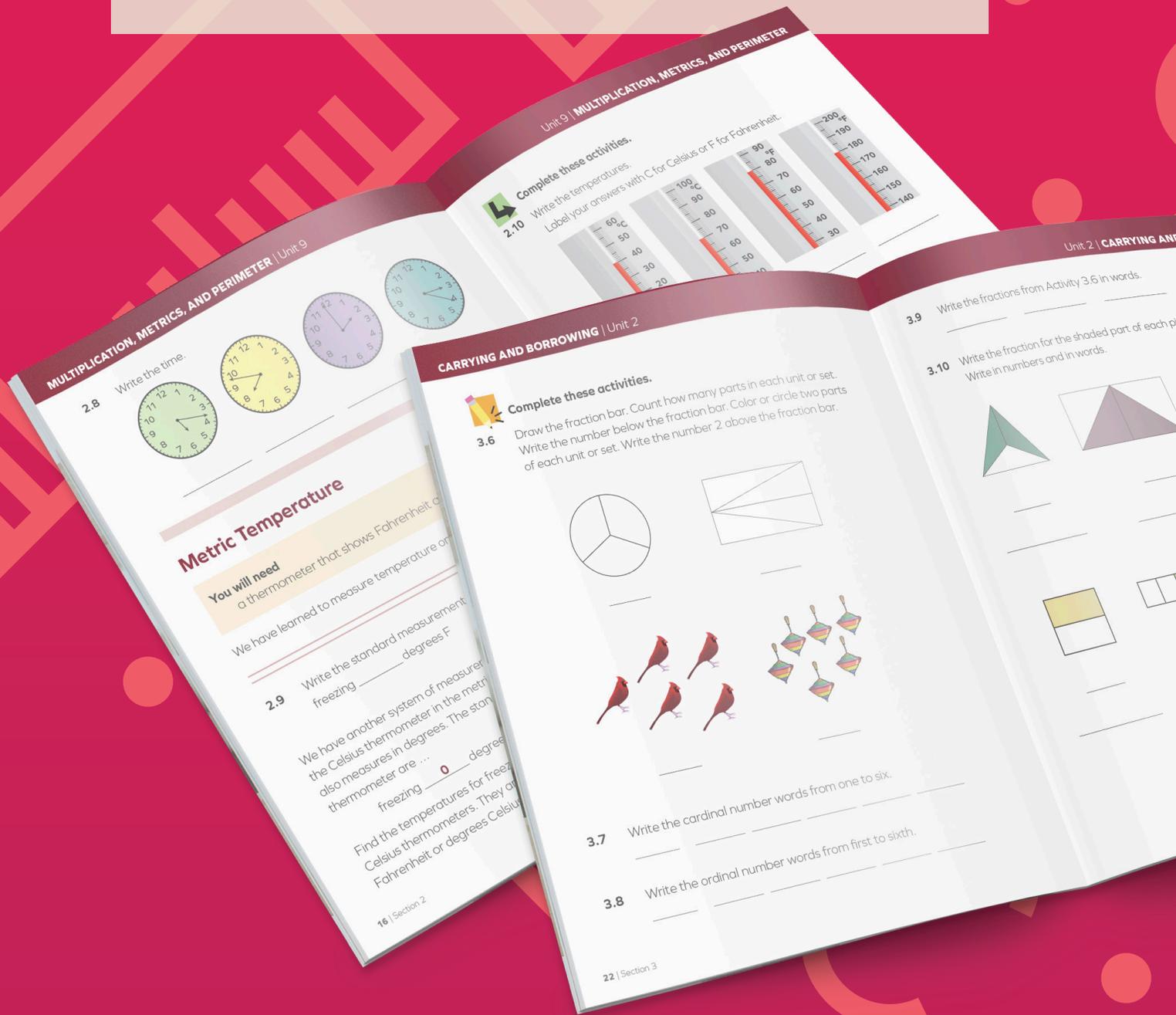


Scope & Sequence

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.

Unit 7 | TIMES AND SEASONS
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 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. Hawaii are in different time zones west of these four. The map on the next page shows the location of these four time zones in the United States.



Twenty-four Time Zones of the World

28 | Section 2

Unit 3 | CHANGES IN ANIMALS AND ENVIRONMENTS | Unit 3



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.

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Unit 3 | CHANGES IN ANIMALS AND ENVIRONMENTS

3.1 Fill in the blanks.
 List the four stages of metamorphosis of a butterfly.
 a. _____ b. _____
 c. _____ d. _____

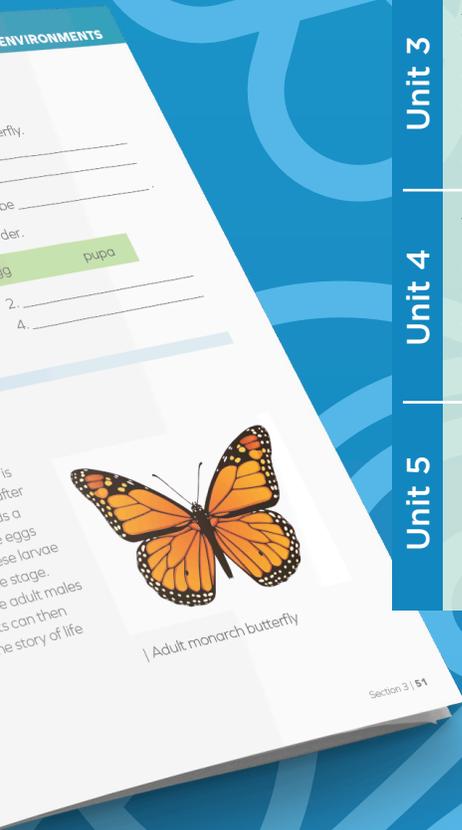
3.2 The skin of a larva cannot grow and must shed. List the stages of a butterfly's life cycle.

3.3 Arrange these stages into the proper order.
 adult larva egg pupa
 1. _____
 2. _____
 3. _____

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 or females. 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



Calvert 4th Grade History & Geography opens the door to the world for young learners. Beginning with an in-depth overview of planet earth, this dynamic course then moves on to explore the different regions and the countries, climate and geography that make up our planet.



GRASSLANDS | Unit 4

The main reason the British wanted Kenya was Lake Victoria. It is the source of the Nile River, which flows through Egypt. Britain controlled Egypt and did not want anyone else to be able to block the river that brings water and life to that country.

Britain's real control of Kenya began in 1896, when the government decided to build a railroad to connect Lake Victoria with the city of Mombasa. The government had to defeat the African ethnic groups that did not want the railroad running across their land. Stations had to be built and workers protected, so British officials and troops took control of the land.

The railroad opened Kenya to white settlers, who discovered the highlands. Thousands of workers from India who came to stay to build the railroad stayed to set up businesses. The city of Nairobi began as a station. The government quickly agreed to take all land the black African settlers wanted to keep the best farmland only for white settlers.

The Kenyan people began to argue for freedom and the government quickly agreed to take all land the black African settlers wanted to keep the best farmland only for white settlers.

In the 1950s, the Kikuyu people fought to get more land. The government, controlled by the white settlers, kept the best farmland only for white settlers.

An important Kikuyu leader named Jomo Kenyatta led the fight. He was arrested, but though it was not proven that he had committed a crime, he was released.



Lake Victoria at dawn

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OUR WORLD IN REVIEW | Unit 10

Review of Asia

Asia and Europe are separated by an imaginary line drawn along the Ural Mountains, the Caspian Sea, the Caucasus Mountains, and the Black Sea. The land of the two continents is often called Eurasia because the line between them is imaginary.

Istanbul is a city that is right on the dividing line between Europe and Asia. It has a long history tied to both lands. South of Istanbul is the Arabian Peninsula and the desert that fills it. East of Arabia, in the tall Himalaya Mountains, is the small country of Nepal. Behind the Himalaya's rain shadow, to the north, is the Gobi Desert. South of the Gobi, on the coast of China, is the former British colony of Hong Kong and its former capital, Victoria. Finally, north of Hong Kong in the Pacific Ocean is the island nation of Japan, "the source of the sun." This year you have crossed Asia from Istanbul in the west to Japan in the east.



Asia

Map work.

- 2.1 Trace over the line between Europe and Asia.
- 2.2 The Gobi Desert is mostly in what two countries?

22 | Section 2

Unit 10 | OUR WORLD

- 2.3 What is the big country in the center of the Arabian Desert?
- 2.4 Circle Istanbul, Victoria, Nepal, and Japan on the map.
- 2.5 Name the capitals of Nepal and Japan.

Istanbul. Istanbul is built on two peninsulas on either side of the Mediterranean and Black Seas. The west side is European and the east side is Asian. The city is surrounded by a city wall. The wall surrounded the city and a chain of hills made it difficult to attack.

The European side was founded as a Greek city and was rebuilt by the Roman emperor Constantine. It was the capital of the Eastern Roman Empire for almost a thousand years. Finally, in 1453, the Ottoman Empire made it the capital of their own empire. The city slowly grew smaller until, today, only the European side remains.

The people of Istanbul are Turkish Muslims. They worship in buildings called mosques. One of the most famous mosques in Istanbul is Hagia Sophia, built by Constantine as a Christian church. It was rebuilt by a later emperor, Justinian; then, under the Ottoman Empire, it was turned into a mosque. Many of the buildings seen in this historic city.

Hong Kong. Hong Kong was a British colony from 1842 to 1997. The British forced China to give Hong Kong to them. Over the years, Hong Kong became a free port from China to free trade. China gave Hong Kong back to China in 1997.

Scope & Sequence

Unit 1	<p>OUR EARTH</p> <ul style="list-style-type: none"> • The surface of the earth • Early explorations of the earth • Exploring from space • Exploring the oceans 	Unit 6	<p>THE POLAR REGIONS</p> <ul style="list-style-type: none"> • The polar regions: coldest places in the world • The Arctic polar region • The Antarctic polar region
Unit 2	<p>SEAPORT CITIES</p> <ul style="list-style-type: none"> • Sydney • Hong Kong • Istanbul • London 	Unit 7	<p>MOUNTAIN COUNTRIES</p> <ul style="list-style-type: none"> • Peru — the Andes • The Incas and modern Peru • Nepal — the Himalayas • Switzerland — the Alps
Unit 3	<p>DESERT LANDS</p> <ul style="list-style-type: none"> • What is a desert? • Where are the deserts? • How do people live in the desert? 	Unit 8	<p>ISLAND COUNTRIES</p> <ul style="list-style-type: none"> • Islands of the earth • Cuba • Iceland • Japan
Unit 4	<p>GRASSLANDS</p> <ul style="list-style-type: none"> • Grasslands of the world • Ukraine • Kenya • Argentina 	Unit 9	<p>NORTH AMERICA</p> <ul style="list-style-type: none"> • Geography • Lands, lakes, and rivers • Northern countries • Southern countries
Unit 5	<p>TROPICAL RAINFORESTS</p> <ul style="list-style-type: none"> • Facts about rainforests • Rainforests of the world • The Amazon rainforest • The Congo rainforest 	Unit 10	<p>OUR WORLD IN REVIEW</p> <ul style="list-style-type: none"> • Europe and the explorers • Asia and Africa • Southern continents • North America and the North Pole



Calvert 4th Grade Language Arts incorporates writing, spelling, vocabulary, reading, and grammar into one dynamic course. Colorful workbooks are filled with lessons on parts of speech, punctuation, fiction and nonfiction, research writing, literary forms, and reading skills.



Scope & Sequence

Unit 1	<p>WRITTEN COMMUNICATION</p> <ul style="list-style-type: none"> • Word derivations • Story sequence • Writing an outline • Writing a report 	Unit 6	<p>FUN WITH FICTION</p> <ul style="list-style-type: none"> • Book reports • Fiction and nonfiction • Parables and fables • Poetry
Unit 2	<p>SOUNDS TO WORDS</p> <ul style="list-style-type: none"> • Hard and soft — c and g • Parts of a dictionary • Accented syllables • Haiku poetry 	Unit 7	<p>FACT AND FICTION</p> <ul style="list-style-type: none"> • Nouns and verbs • Contractions • Biography • Tall tales • Fables
Unit 3	<p>WORDS: HOW TO USE THEM</p> <ul style="list-style-type: none"> • Prefixes and suffixes • Homonyms and antonyms • Poetry and stories • Writing an outline 	Unit 8	<p>GRAMMAR AND WRITING</p> <ul style="list-style-type: none"> • Adjectives to compare • Adverbs • Figurative language • Paragraphs
Unit 4	<p>MORE WORDS: HOW TO USE THEM</p> <ul style="list-style-type: none"> • Parts of speech • Capital letters • Punctuation marks • Writing stories 	Unit 9	<p>THE WRITTEN REPORT</p> <ul style="list-style-type: none"> • Planning a report • Finding information • Creating an outline • Writing a report
Unit 5	<p>WRITING FOR CLARITY</p> <ul style="list-style-type: none"> • Figures of speech • Capital letters • Punctuation marks • Writing stories 	Unit 10	<p>COMMUNICATION AND FICTION REVIEW</p> <ul style="list-style-type: none"> • Reading skills • Nouns and adverbs • Written communication • Literary forms



Calvert 4th Grade Math goes beyond whole numbers and incorporates fractions and decimals into basic arithmetic operations. Additional lessons on lines and shapes, estimation, charts and graphs, and measurement provide students with a well-rounded education.

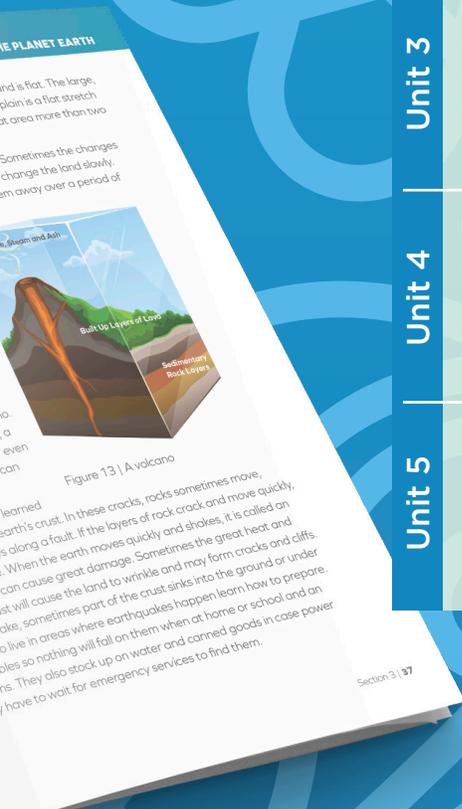


Calvert 4th Grade Science covers a wide-range of topics. Presented in 10 units, this course captivates students with lessons on plants and animals, humankind's environment, simple and complex machines, electricity, magnetism, properties of matter, weather, and the solar system



Scope & Sequence

Unit 1	<p>PLANTS</p> <ul style="list-style-type: none"> Plants and living things Using plants Parts of plants Function of plants 	Unit 6	<p>PROPERTIES OF MATTER</p> <ul style="list-style-type: none"> Properties of water Properties of matter Molecules and atoms Elements
Unit 2	<p>ANIMALS</p> <ul style="list-style-type: none"> Animal structures Animal behavior Animal instincts Humans protect animals 	Unit 7	<p>WEATHER</p> <ul style="list-style-type: none"> Causes of weather Forces of weather Observing weather Weather instruments
Unit 3	<p>HUMANKIND'S ENVIRONMENT</p> <ul style="list-style-type: none"> Resources Balance in nature Communities Conservation and preservation 	Unit 8	<p>THE SOLAR SYSTEM</p> <ul style="list-style-type: none"> Our solar system The universe Sun and planets Stars and space
Unit 4	<p>MACHINES</p> <ul style="list-style-type: none"> Work and energy Simple machines Simple machines together Complex machines 	Unit 9	<p>THE PLANET EARTH</p> <ul style="list-style-type: none"> The atmosphere The hydrosphere The lithosphere Rotation and revolution
Unit 5	<p>ELECTRICITY AND MAGNETISM</p> <ul style="list-style-type: none"> Electric current Electric circuits Magnetic materials Electricity and magnets 	Unit 10	<p>OUR EARTH & SOLAR SYSTEM</p> <ul style="list-style-type: none"> Earth and solar system Matter and weather Using nature Conservation



Scope & Sequence

Unit 1	<p>A NEW WORLD</p> <ul style="list-style-type: none"> • Exploration of America • The first colonies • Conflict with Britain • Birth of the United States 	Unit 6	<p>A CHANGING NATION</p> <ul style="list-style-type: none"> • Progressive reforms • Spanish-American War • World War I • Roaring Twenties
Unit 2	<p>A NEW NATION</p> <ul style="list-style-type: none"> • War for Independence • Life in America • A new form of government • The nation's early years 	Unit 7	<p>DEPRESSION AND WAR</p> <ul style="list-style-type: none"> • The Great Depression • War begins in Europe • War in Europe • War in the Pacific
Unit 3	<p>A TIME OF TESTING</p> <ul style="list-style-type: none"> • Louisiana Purchase • War of 1812 • Sectionalism • Improvement in trade & travel 	Unit 8	<p>COLD WAR</p> <ul style="list-style-type: none"> • Korean War & other crises • Vietnam War • Civil Rights movement • Upheaval in America
Unit 4	<p>A GROWING NATION</p> <ul style="list-style-type: none"> • Andrew Jackson's influence • Texas & Oregon • Mexican War • The Nation divides 	Unit 9	<p>THE END OF THE MILLENNIUM</p> <ul style="list-style-type: none"> • Watergate and Détente • The fall of communism • Persian Gulf War • Issues of the new millennium
Unit 5	<p>A DIVIDED NATION</p> <ul style="list-style-type: none"> • Civil War • Reconstruction • Gilded Age • The need for reform 	Unit 10	<p>THE UNITED STATES OF AMERICA</p> <ul style="list-style-type: none"> • Beginning America until 1830 • Stronger America 1830-1930 • Modern America • 1930-2020

NATION DIVIDED

They often did
homeland in the
at they kept coming

the east to work in the new
large families lived in small
with bugs and rats. The
new toilets and the water was
common.

steel, oil, textile, and other
were old, no way to make money if



Bribes were part of the corruption.

a big issue before the Civil War. It was a tax on
the government's main source of money in the late
which wanted high tariffs, pushed them way up. After
important issue in industrial America.

the high tariffs. It made goods from Europe very expensive
be expensive, too. They paid large bribes to Republican
tariff. They also paid large amounts of money to help tariff
the late 1800s. This was part of the corruption of the time.

farmers. All of the farmer's tools, clothing, and supplies cost
the same time, his crops had to be shipped on the expensive
tariff to make the prices higher. Many farmers went deeply
to run their farms. The farmers tried to push for changes,
control of the railroads, fairer taxes, and laws that would help
however, the power of the wealthy kept the tariffs high and prevented
American people wanted them.

Calvert 5th Grade Language Arts incorporates writing, spelling, vocabulary, reading, and grammar into one dynamic course. Colorful worktexts are filled with lessons on story elements, written reports, poetry, word usage, and reading fluency.

The Village Blacksmith

by Henry Wadsworth Longfellow (1840)

1 Under a spreading chestnut-tree
The village smithy stands;
The smith, a mighty man is he,
With large and sinewy hands,
5 And the muscles of his brawny arms
Are strong as iron bands.
10 His hair is crisp, and black, and long,
His face is like the tan;
His brow is wet with honest sweat,
He earns whate'er he can,
15 And looks the whole world in the face,
For he owes not any man.
Week in, week out, from morn till night,
You can hear him swing his heavy sledge,
You can hear him swing his heavy sledge,
With measured beat and slow,
20 Like a sexton's ringing the village bell,
When the evening sun is low.



POETRY | Unit 6

20 And children coming home from school
Look in at the open door,
They love to see the flaming forge,
And hear the bellows roar,
And catch the burning sparks that fly
Like chaff from a threshing-floor.
25 He goes on Sunday to the church,
And sits among the boys,
And sees the parson pray and preach,
He hears his daughter's voice,
He hears his mother's voice,
Singing in the village choir,
And it makes his heart rejoice,
And to think of her once more,
And of her look and smile and hair,
Till sometimes in the moonlight
He lies long awake and waits,
For some one to come near.

STORY MESSAGES | Unit 1

Vowel-digraph Design

In the first spelling lesson, each word contained a vowel diphthong. A vowel diphthong is a blend of two speech sounds. Two vowels blend their sound together.
In this lesson, we will study the **vowel-digraph** design. A vowel digraph is two vowels written together that make one sound. The sound may be the sound of one of the letters or a new sound.

Di = 2

The following chart shows some common vowel digraphs (the boldface letters).

ea as in eat	ee as in meet	oo as in moon
ew as in chew	oa as in coat	oi as in train
ay as in bay		ow as in slow
au as in taught		

A vowel digraph is one vowel sound that is spelled with two vowel letters. The spelling list contains two-syllable words with vowel digraphs. Learn to spell each word. Know how to pronounce it and know its meaning. Follow the five-step study plan for learning spelling words.

SPELLING WORDS - 2

ea creature eastern	ai railway failure	oo loader roaster	ew eschew fewer
ay playing wayward	ow growing sower	ee sweeten freedom	oo crooked booklet
au caution saucer	oo smoothly toothache		

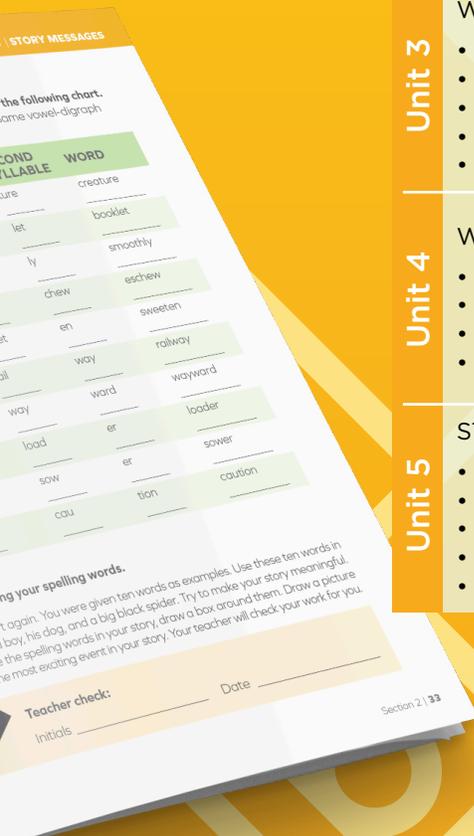
Using the words from your Spelling Words -2, complete the following activity.
Write a second word from the spelling list that has the same sound.

WRITE THE...	WORD	VOWEL DIGRAPH	FIRST SYLLABLE	SECOND SYLLABLE
2.52	creature	ea	crea	
2.53	booklet	oo	book	
2.54	smoothly	oo	smooth	
2.55	eschew	ew	eschew	
2.56	sweeten	ee	sweeten	
2.57	railway	ai	railway	
2.58	wayward	ay	wayward	
2.59	loader	oo	loader	
2.60	sower	ow	sower	
2.61	caution	au	caution	

2.62 Write a story using the words from the spelling list. Look at the chart and write a story about the words. When you are finished, illustrate the story.

Scope & Sequence

Unit 1	<p>STORY MESSAGES</p> <ul style="list-style-type: none"> • Main idea and plot • Character and setting • Dialogue • Diphthongs • Digraphs 	Unit 6	<p>POETRY</p> <ul style="list-style-type: none"> • Rhythm • Symbolism • Personification • Irregular plurals • Stanza
Unit 2	<p>MAIN IDEA</p> <ul style="list-style-type: none"> • Poetry and stories • Synonyms • Topic sentences • Adjectives and nouns • Compounds 	Unit 7	<p>WORD USAGE</p> <ul style="list-style-type: none"> • Common, plural, and possessive nouns • Fact and opinion • Story and main idea
Unit 3	<p>WORDS TO STORIES</p> <ul style="list-style-type: none"> • Subject and predicate • Adverbs • Critical thinking • Writing a short story • Idioms 	Unit 8	<p>ALL ABOUT VERBS</p> <ul style="list-style-type: none"> • Tense and action • Participles • Regular and irregular • Singular and plural
Unit 4	<p>WRITTEN REPORT</p> <ul style="list-style-type: none"> • Outline • Metaphor and simile • Writing the report • Types of sentences 	Unit 9	<p>READING FLUENCY</p> <ul style="list-style-type: none"> • Speed reading • Graphic aids • Study skills • Literary forms
Unit 5	<p>STORY ELEMENTS</p> <ul style="list-style-type: none"> • Legend • Dialogue and quotations • Word order and usage • Story elements • Implied meaning 	Unit 10	<p>STORY ELEMENTS AND POETRY REVIEW</p> <ul style="list-style-type: none"> • Literary forms • Parts of speech • Writing skills • Study skills



Calvert 5th Grade Math provides students with a thorough overview of basic arithmetic while introducing new concepts in algebra and geometry. Additional lessons on graphing, the metric system, data analysis and probability, and factors prepare students for advanced math courses.



Scope & Sequence

Unit 1	<p>PLACE VALUE, ADDITION, AND SUBTRACTION</p> <ul style="list-style-type: none"> Place value Rounding and estimating Addition Subtraction
Unit 2	<p>MULTIPLYING WHOLE NUMBERS AND DECIMALS</p> <ul style="list-style-type: none"> Multiplying whole numbers Powers Multiplying decimals
Unit 3	<p>DIVIDING WHOLE NUMBERS AND DECIMALS</p> <ul style="list-style-type: none"> One-digit divisors Two-digit divisors Decimal division
Unit 4	<p>ALGEBRA AND GRAPHING</p> <ul style="list-style-type: none"> Expressions Functions Equations Graphing
Unit 5	<p>PLANE SHAPES AND SYMMETRY</p> <ul style="list-style-type: none"> The metric system The customary system Time Temperature

Unit 6	<p>FACTORS AND FRACTIONS</p> <ul style="list-style-type: none"> Factors Equivalent fractions Fractions
Unit 7	<p>FRACTION OPERATIONS</p> <ul style="list-style-type: none"> Like denominators Unlike denominators Multiplying fractions Dividing fractions
Unit 8	<p>DATA ANALYSIS AND PROBABILITY</p> <ul style="list-style-type: none"> Collecting data Analyzing data Displaying data Probability
Unit 9	<p>GEOMETRY</p> <ul style="list-style-type: none"> Geometry Classifying plane figures Classifying solid figures Transformations Symmetry
Unit 10	<p>PERIMETER, AREA, AND VOLUME</p> <ul style="list-style-type: none"> Perimeter Area Surface area Volume



Calvert 5th Grade Science covers a wide-range of topics. Presented in 10 units, this course captivates students with lessons on cells, plant life cycles, animal life cycles, fossils, transformation of energy, and cycles in nature.

PLANTS: LIFE CYCLES | Unit 2



Flowering plants grown for their fruit

Structure of flowering plants. The main purpose of the flower in a reproduction. Each part of the flower's structure is designed so it can occur. However, even if reproduction in the flower does not and it can still be pleasing to see and smell.

Most of the common flowering plants have a structure that contains both male and female parts. For reproduction to take place in plants, both male and female parts do not need to be present in the same flower.

The tulip is a flower that contains within itself both male and female parts of the flower located inside the petals.

delicate parts of the flower may fertilize the egg cells of pollen so that the sperm may fertilize the egg cells.

To observe the other parts of a flower, it is helpful to look now at a cross-section of a flower that contains the female part of the flower, you will examine these parts of a flower.

Let us first consider the female part of the flower, you will examine these parts of a flower.

Looking at the cross-section of a flower, you will see the ovary is a tube that connects the ovary to the plant. Growing up from the ovary is a tube that connects to the stigma. The stigma contains a sticky substance that captures the pollen. Once the pollen is captured, it travels down the style to the ovary.

CELLS | Unit 1



Complete this activity.

1.12 Draw a typical three-part cell on a separate sheet of paper and label the three basic parts of a cell.



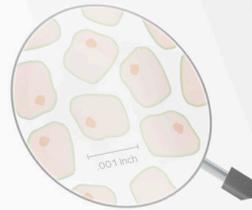
INTERNET NOTICE: There are many good resources on the Internet giving information about cells and the life of cells. A lot of these internet sites have excellent drawings, illustrations, and animations showing the detailed parts of cells. You can use keywords like "cells" and "nucleus" to find out more details on cells. We will cover more details on cells in Section 2 of this unit.

Size. Almost all cells are **microscopic**. This means that most cells are so tiny that they require a microscope to be seen. In fact, the period at the end of the last sentence would hold about 500 average-sized cells! These average-sized cells would be about 1/1000 of an inch in diameter (0.0025 centimeter).

The human body has more than 10 trillion (10,000,000,000,000) cells!

However, other cells can be larger. The largest cells are the yolks of birds' eggs. The largest cell of all is the yolk of an ostrich egg. It is about 3 inches in diameter (7.5 centimeters), yet it consists of only one cell!

Shape. Cells also come in a variety of shapes. There are round cells, oval cells, cubed cells, **columnar** cells, **elongated** cells, and irregular cells. Other cells are shaped like doughnuts or pancakes. There are even cells shaped like hearts and commas and corkscrews! There is no typical cell shape.



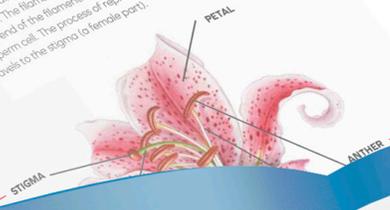
| Muscle cells



| Red blood cell

Unit 2 | PLANTS: LIFE CYCLES

The male parts of the flower are contained in the **stamen**. The stamen consists of two important parts: the **filament** and the **anther**. The filament grows out of the center section of the flower. Each grain of pollen holds a sperm cell. The process of reproduction can occur when pollen from the anther (a male part) travels to the stigma (a female part).



Viewing Cells

The only way to view most cells is to use a microscope. There are different types of microscopes. An optical microscope is the one you will normally see and use. It can magnify a cell up to about 2,000 times so that we can easily see the basic parts of the cell. However, some cells are too small to be seen by an optical microscope. For these, an electron microscope is needed. An electron microscope can magnify a cell by one million times! These electron microscopes not only allow us to see the smallest of cells, they also will cover some of these subparts of cells in Section 2.)

It is also helpful to use dyes to view cells. The dyes stain certain parts of the cell—such as the cell membrane and the nucleus—so that they stand out more clearly when we view the cells under a microscope (You will use iodine as a dye in some of the experiments.)

Scope & Sequence

Unit 1	<p>CELLS</p> <ul style="list-style-type: none"> • Cell composition • Plant and animal cells • Life of cells • Growth of cells 	Unit 6	<p>PHYSICAL GEOLOGY</p> <ul style="list-style-type: none"> • Layers of the earth • How volcanoes are formed • Erosion and weathering
Unit 2	<p>PLANTS: LIFE CYCLES</p> <ul style="list-style-type: none"> • Seed producing plants • Spore producing plants • One-celled plants • Classifying plants 	Unit 7	<p>RECORDS IN ROCKS: FOSSILS</p> <ul style="list-style-type: none"> • Fossil types • Fossil location • Identifying fossils • Reading fossils
Unit 3	<p>ANIMALS: LIFE CYCLES</p> <ul style="list-style-type: none"> • Invertebrates • Vertebrates • Classifying animals • Relating function and structure 	Unit 8	<p>RECORDS IN ROCK: GEOLOGY</p> <ul style="list-style-type: none"> • Features of the earth • Rock of the earth • Forces of the earth • Changes in the earth
Unit 4	<p>BALANCE IN NATURE</p> <ul style="list-style-type: none"> • Needs of life • Dependence on others • Prairie life • Stewardship of nature 	Unit 9	<p>CYCLES IN NATURE</p> <ul style="list-style-type: none"> • Properties of matter • Changes in matter • Natural cycles • Phases of the moon
Unit 5	<p>TRANSFORMATION OF ENERGY</p> <ul style="list-style-type: none"> • Work and energy • Heat energy • Chemical energy • Energy sources 	Unit 10	<p>LOOK AHEAD</p> <ul style="list-style-type: none"> • Plant and animal life • Balance in nature • Earth's structures • Records of rock





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