

**Calvert 5th Grade History & Geography** covers a wide-range of significant events in U.S. history. With lessons covering the exploration of America to modern day America, this dynamic course gives students a detailed look at the history of the United States.



# Scope & Sequence

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

**NATION DIVIDED**

They often did  
homeland in the  
t 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 mother's voice,  
And to see her working once more,

### 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**  
**ew** as in **chew**  
**ay** as in **bay**  
**au** as in **taught**

**oo** as in **moon**  
**oi** as in **train**  
**ow** as in **slow**

**ee** as in **meet**  
**oa** as in **coat**

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

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



Write a story using the words from the spelling list. Look at the chart above. When you use a word, write it in the box to illustrate the word.

2.62

# Scope & Sequence

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





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"> <li>Place value</li> <li>Rounding and estimating</li> <li>Addition</li> <li>Subtraction</li> </ul>	Unit 6	<p>FACTORS AND FRACTIONS</p> <ul style="list-style-type: none"> <li>Factors</li> <li>Equivalent fractions</li> <li>Fractions</li> </ul>
Unit 2	<p>MULTIPLYING WHOLE NUMBERS AND DECIMALS</p> <ul style="list-style-type: none"> <li>Multiplying whole numbers</li> <li>Powers</li> <li>Multiplying decimals</li> </ul>	Unit 7	<p>FRACTION OPERATIONS</p> <ul style="list-style-type: none"> <li>Like denominators</li> <li>Unlike denominators</li> <li>Multiplying fractions</li> <li>Dividing fractions</li> </ul>
Unit 3	<p>DIVIDING WHOLE NUMBERS AND DECIMALS</p> <ul style="list-style-type: none"> <li>One-digit divisors</li> <li>Two-digit divisors</li> <li>Decimal division</li> </ul>	Unit 8	<p>DATA ANALYSIS AND PROBABILITY</p> <ul style="list-style-type: none"> <li>Collecting data</li> <li>Analyzing data</li> <li>Displaying data</li> <li>Probability</li> </ul>
Unit 4	<p>ALGEBRA AND GRAPHING</p> <ul style="list-style-type: none"> <li>Expressions</li> <li>Functions</li> <li>Equations</li> <li>Graphing</li> </ul>	Unit 9	<p>GEOMETRY</p> <ul style="list-style-type: none"> <li>Geometry</li> <li>Classifying plane figures</li> <li>Classifying solid figures</li> <li>Transformations</li> <li>Symmetry</li> </ul>
Unit 5	<p>PLANE SHAPES AND SYMMETRY</p> <ul style="list-style-type: none"> <li>The metric system</li> <li>The customary system</li> <li>Time</li> <li>Temperature</li> </ul>	Unit 10	<p>PERIMETER, AREA, AND VOLUME</p> <ul style="list-style-type: none"> <li>Perimeter</li> <li>Area</li> <li>Surface area</li> <li>Volume</li> </ul>

AND DECIMALS

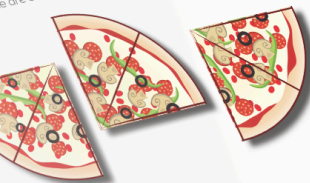
the problem again.  
the total cost  
the pizza was

ch each person paid for the  
ed evenly between the four

**Reminder:**  
When dividing with decimals,  
bring up the decimal point from  
the dividend to the left of the  
decimal point. Write a zero to the  
left of the decimal point.

We found that each friend will have to pay \$3.72.  
To check our answer, we can estimate and  
see that it is compatible with 4. Then, divide.

are close to each other, our answer makes sense.



nds will each pay \$3.72 for the pizza.

Section 3 | 69

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 parts of the flower that you will examine in this drawing of the cross-section of a flower, you will see where you will examine these parts of a flower.

Let us first consider the female part of the flower. It consists of three smaller parts, all of which are located below the petals. The ovary contains the egg cells. Growing up from the ovary is a connecting tube to allow the egg cells to be captured. Once the pollen is captured 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.

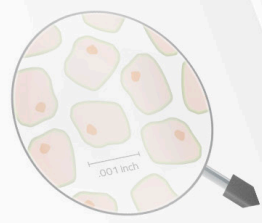


**INTERNET NOTICE:** There are many good resources on the Internet giving information about cells and the life of cells. A lot of these internet sites have excellent drawings, illustrations, and animations showing the detailed parts of cells. You can use keywords like "cells" and "nucleus" to find out 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

# Scope & Sequence

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

