Art and Music

Art and music are two important parts of an education that can be studied and explored in an endless variety of ways. Unlike math or science, the learning objectives for art and music cannot be as neatly quantified or defined. The main goal of art and music is to enjoy them and use them to glorify God. We have many great classes on SchoolhouseTeachers.com that can help you do just that!

If you’re interested in specific academic goals for art and music, you’ll find some general guidelines listed on the following pages. It is often most helpful if you naturally incorporate art and music into other subjects whenever possible (such as studying the art of ancient Egypt or the music of Russia alongside history and social studies).

Whenever possible, take field trips (either physical or virtual) with your children to explore art and music in a living, breathing way. Visit a museum, enjoy a musical performance, watch tradesmen in action, and dig in and try as many styles and techniques as you have time and the opportunity to enjoy!

Keep in mind as you explore art that it can cover a wide variety of techniques and media. It includes drawing and painting, but it also includes animation, architecture, casting, ceramics, computer graphics and applications, construction, dance or other creative movement, digital arts, drama (including mime, storytelling, and technical aspects of theater), drawing, film, graphic design, improvisational music, instrumental music, metal sculpture, mosaics, photography, printmaking, sculpture, textiles and fiber art, and much more.

Another integral part of art and music studies is reading biographies of famous artists and composers. You can find suggested reading lists about architecture, music, art, and art history in our Monthly Book Lists for Families section by Michelle Miller. Enjoy!
Art and Music

4th-5th Grade

Art

• Continue to explore and learn about the elements of art and learn to recognize them in many famous pieces of art
• Continue to experiment with as many different types of artistic media as you have the opportunity to try
• Learn to group paintings or artwork by style, subject, or artist
• Begin learning about basic styles of architecture and learn to define architectural terms such as column, dome, and arch
• Learn about careers in the arts

On SchoolhouseTeachers.com

Everyday Easels: eighteen weeks of material each year; this is an ideal time to use the sixteen-week Everyday Easels Passports unit, as it explores world architecture
Discovering Art History: 9 weekly lessons for either 4th or 5th grade
Achieving Art Success with ArtAchieve: Level II, 8 units each year; available through August 27, 2020, at which time we hope to renew
Exploring the World of Art: three units (twelve weeks) for 4th grade and two units (eight weeks) for 5th grade
Students in 4th-7th grade may also enjoy the four-week Lapbooking unit Knights of Art: Stories of Italian Painters and the two-week Ditch the Desk unit Evelyn Cameron: Frontier Photographer.

In our Electives category, we also have Heritage Crafts (all ages), Photography (2nd-12th grade), and Hands-On Architecture (3rd-7th grade). You may also enjoy our unit on the Italian Renaissance in the Unit Studies and More section.

Our World Book resources have art-themed activities and studies including a webquest about the pyramids. The biography center features studies on famous filmmakers, dancers, choreographers, graphic artists and illustrators, painters, photographers, sculptors, and more.
Art and Music

4th-5th Grade

Music
- Identify the instruments of the orchestra by look and sound. Know which orchestral family each belongs to
- Reinforce and expand on musical elements learned previously. Also be sure to include tied and dotted notes, sharps, and flats. Also become familiar with terms including ritardando, crescendo, decrescendo, legato, and staccato. Introduce 6/8 meter
- Continue to listen to music by various composers and learn to match key pieces with their composers
- Expand knowledge of musical instruments and families to include folk, ethnic, historical, and electronic instruments

On SchoolhouseTeachers.com

If It Isn’t Baroque...The History of Western Music: twelve-week study for either 4th or 5th grade

Please note that the majority of the musical elements mentioned above are covered in Music Theory I and II and Music Mania listed in this scope and sequence for 1st-3rd grade.

Our biography center in the World Book libraries offers a way for students to explore the lives of numerous musicians and composers.

Additionally, SchoolhouseTeachers.com offers Music/Voice, Recorder, Guitar, Drum*, and Violin lessons that can be started at any grade. Fun with Music also offers games for music terminology review for 3rd-12th grade. *Beginner Drum lessons are licensed through December 31, 2019, at which time we will work to renew the agreement.
Computer and Technology

Suggestions regarding what computer and technology skills should be learned at each grade level vary widely. We have included below a list of the courses we have for these skills and the recommended grade levels for each class.

- **How to Use Microsoft Word**: 8 weeks for 2nd-12th grade
- **Keyboarding**: 10 lessons for 3rd-12th grade
- **LibreOffice Writer Basics**: 50 lessons for 5th-12th grade
- **Web Game Design**: 11 months (42 lessons) for 7th-12th grade
- **How to Get Started with Microsoft Excel Functions**: five-part mini-unit for 7th-12th grade
- **Podcasting to Change the World**: 6 units for 8th-12th grade
- **Internet Entrepreneurship for Teens**: 24 weeks for 8th-12th grade
- **SQL Server Beginner Course**: 18 weeks for 8th-12th grade

Plus a lesson on Exploring Geography with Google Earth by Andy Harris for 6th-12th grade and a roundup of technology websites and resources in our [Unit Studies and More section](#).
Drama and Speech

Suggestions regarding what drama and speech skills should be learned at each grade level vary widely. We have included below a list of the courses we have for these skills and the recommended grade levels for each class.

**Reader’s Theater**: 76 units for 3rd-6th grade  
**Simply Shakespeare**: more than a dozen plays for 3rd-9th grade (instructions given for single-child families)  
**In the Limelight**: study of a series of novels for 4th-10th grade (instructions given for single-child families)  
**How to Write and Produce a Play**: 29 weeks for 6th-12th grade  
**Introduction to Public Speaking**: 5 months for 8th-12th grade  
**Advanced Public Speaking**: 18 weeks for 8th-12th grade
Electives

We have included below a list of our elective courses and the recommended grade levels for each class.

**Heritage Crafts**: 8 units to be enjoyed as a family

**Homesteading**: dozens of topics to be enjoyed as a family

**Whole Foods Cooking with Sue Gregg**: 14 weeks to be enjoyed as a family

**Home Economics**: 23 weeks for K-4th grade; portions of this course are incorporated into the health scope and sequence for Kindergarten and 2nd grade

**Breadmaking Devotional**: 12 lessons for 1st-12th grade

**Fun with Cooking**: 28 lessons for 2nd-6th grade

**Hands-On Design Fun**: 41 lessons for 2nd-6th grade

**Hands-On Learning Activities Through Crafts**: ongoing series of units for 2nd-9th grade

**Photography** and **Photography Challenge**: 30 weeks plus 48 challenges for 2nd-12th grade

**Hands-On Architecture**: 27 weeks for 3rd-7th grade

**Architecture (Introduction)**: 37 weeks for 6th-12th grade

**Image Creation and Editing**: 36 weeks for 6th-12th grade

**Introduction to Graphic Design**: 17 weeks for 6th-12th grade

**Career Exploration**: 8 weeks for 7th-12th grade

**Filmmaking**: 33 weeks for 7th-12th grade

**Logic**: 15 weeks for 7th-12th grade

**Money 101**: 7 weeks for 7th-12th grade

**Social Justice**: 16 weeks for 7th-12th grade

**Personal Finance in Bite-Size Chunks**: 21 lessons for 7th-12th grade

**Starting a Micro Business (for Teens)**: 8 weeks for 8th-12th grade

**Accounting 101**: 18 weeks for 9th-12th grade

**College Choice Guidance**: 32 weeks for 9th-12th grade

**High School Home Economics**: 18 units for 9th-12th grade

**SAT-ACT Math Test Prep**: self-paced practice for 9th-12th grade

**Leadership 101**: more than 15 hours of videos and 600+ study questions for 10th-12th grade
Electives (cont.)

**Business Plan Creation**: 8 weeks for 11th-12th grade
You might also enjoy a four-week lapbooking unit for upper elementary and middle school all about the [History of Photography](#).
English Language Arts

Language arts is a broad heading that can incorporate many subjects depending on the approach taken. It varies from one curriculum to another, but often found under language arts are phonics/reading, reading comprehension, handwriting, literature, writing and composition, grammar, listening and speaking skills, and research skills.

One important element of language arts curricula is that the skills learned early in an education (such as capitalization and punctuation rules) are continually used throughout the student’s journey. Even if the specific skills are not repeated in this scope and sequence each year, it is understood that the student is to continue to use what he or she has learned previously, reviewing as necessary.

Reading:

When possible, have your student read as many varied types of materials as he or she can. For prekindergarten and kindergarten emerging readers, creating a print-rich environment is important. Manipulating letters to sounds and sounds to words are the building blocks for reading. At this level, everything is readable—cereal boxes, signs, traditional text, names, etc.

In first-third grade, types of reading to become familiar with might include fiction, nonfiction, legends, fables, folktales, fairy tales, poetry, calendars, recipes, and hymns. In 4th-5th grade, this can expand to include classic and contemporary literature, magazine articles, and newspapers. By 6th grade, readers should be exploring novels, short stories, biographies, autobiographies, plays, essays, and the classics.
Reading and Reading Comprehension

4th Grade

- Continue to practice taking notes on selected reading
- Learn to create an outline based on selected reading
- Learn about syllables—how words are divided into syllables, accent marks and shifts in accents, unstressed syllables, and syllable patterns
- Continue to sharpen ability to identify cause and effect in a story
- Continue to develop ability to make inferences, draw conclusions, and predict outcomes
- Continue to develop understanding of how to identify character motives, plot, conflict, point of view, foreshadowing, idioms, imagery, personification, metaphor, simile, humor, sarcasm, and suspense in a story or poem
- Recognize how a character changes throughout a story and what brings about this change
- Identify the mood of a story
- Learn about the use of hyperbole and exaggeration
- Introduce the haiku and sonnet as poetic forms
- Recognize dialect in a story
- Sharpen ability to distinguish fact from fiction
- Gather information from more than one source and be able to compare and contrast that information
- Learn to identify the influence the author’s background or motivation may have on the presentation of information
- Recognize key elements of various genres
- Read and identify characteristics of a tall tale, legend, and folk tale

On SchoolhouseTeachers.com

You can find these resources in the Literacy Center on SchoolhouseTeachers.com.

You may also enjoy Fun with Fairy Tales, 9 lessons for 2nd-4th grade.

Don’t miss Lapbooking units that combine reading, writing, and critical thinking skills for multiple grade levels and the Monthly Book Lists for Families, which has book suggestions divided by grade level and topic.
Additional Reading Resources

**Ditch the Desk**: stand-alone units on Jack and the Beanstalk, the Emperor’s New Clothes, and writing your own fairy tale.
**Growing Readers**: activities to supplement *Owls in the Family* and *Pippi Longstocking*
**Adventures with Books**: suggested reading lists based on a theme and related activities you can do with your family to bring the stories to life
**Ditch the Desk**: Test Taking—Week 3 offers tips to make reading comprehension tests less stressful
Don’t the **Monthly Book Lists for Families**, which has book suggestions divided by grade level and topic.

You can find many more reading resources in the [Literacy Center](http://www.schoolhouseteachers.com) on SchoolhouseTeachers.com.
Spelling

Kindergarten-12th Grade

Schoolhouse Spelling provides a full K-12 spelling curriculum on SchoolhouseTeachers.com.

For extra spelling fun, explore the spelling-themed games that are part of the Everyday Games series.
Writing and Composition

We encourage you to incorporate writing in as many subjects as you can. Students can write recipes, create historic journals, write instructions for how to program a computer, keep a journal, etc. The possibilities are endless and do not need to be confined to a portion of a language arts curriculum.

Sparking the Noggin: Creative Writing with Pictures is a fun encouragement for writers in 4th-7th grade, and Into the Elements is a 3-hour video course for 6th-10th grade about sharing life-changing truth by learning the storytelling lessons the Bible teaches.

Please note: The focus of the writing and composition section of this scope and sequence is on creativity and composition, not the physical act of writing. If your child struggles with the physical act of writing, please take a look at Judi Munday’s Special Needs Lessons 15 and 16 for alternative ways you can help your child express his or her thoughts.
Writing and Composition

4th Grade

In addition to the graphic organizers already used, expand your student’s tools for brainstorming by teaching him or her to create character webs, event/details charts, T-charts, and outlines.

Students should learn to format and write a bibliography, persuasive pieces such as business letters and essays, and compare/contrast essays.

Students should write book reviews, create similes and metaphors, write haikus and acrostic poems, and learn to conduct and write an interview.

Students should continue to develop their skills for writing strong paragraphs and write multi-paragraph compositions that include introductory, supporting, and concluding paragraphs, each with proper indentation and topic sentences.

Fourth grade offers a good chance to learn keyboarding/typing skills if they have not been learned previously.

Students should continue to explore a wide variety of writing assignments including stories, personal narratives, poems, essays, research reports, journals, family newsletters, book reports, magazine articles, and small books.

Students should include an appropriate amount of dialogue and description in their writing.
Writing and Composition

4th Grade

On SchoolhouseTeachers.com

Expanding Your Writing Skills: 9-week study of various writing skills and techniques

Creative Storytelling: 15-week introduction to various types of writing

How to Write a Research Paper: stand-alone unit in the Unit Studies and More section

Little Language Arts: 35 weekly lessons giving a strong foundation in writing skills

SchoolhouseTeachers.com also offers a Keyboarding class for interested students.
Additional Writing and Composition Resources

**Writing Mechanics**: six-month course for elementary students designed to strengthen writing by improving one sentence at a time

**Ditch the Desk**: Test Taking—Week 1 offers tips to make writing tests less stressful for elementary students

**Daily Writing**: more than 1,500 writing prompts to encourage creativity, thinking skills, and writing skills for students in 4th-12th grade

**Writing On This Day In History**: collection of history-themed writing prompts for every day of the year; designed for 7th-10th grade
Grammar

4th Grade

In building on what has been previously learned, fourth graders need to also learn:

- subject, object, and predicate nouns
- predicate adjectives
- introductory and prepositional phrases
- prepositional phrases used as adverbs
- more complex diagramming
- independent and dependent clauses
- often confused or misused words
- Greek and Latin roots
- to italicize book titles
- how to use parentheses
- how to use conjunctions and interjections

On SchoolhouseTeachers.com

Daily Grammar: 3rd-4th Grade: 187 daily lessons that can be done one-per-day in either 3rd or 4th grade or split between the two years

Little Language Arts: Lesson 31 discusses interjections

Students can even have fun reading about grammar! Check out the Monthly Book Lists for Families all about Spelling and Grammar.
Listening and Speaking Skills

4th-12th Grade

Once the foundation for good speaking skills is laid, there is no end to where a student may go with it. It is good practice for the student to deliver a portion of his or her work orally, whether it be a book report, a play, or the recitation of poetry using clear diction, making appropriate eye contact, and speaking at an appropriate volume. As students get older, it is important they learn to not only give but also analyze oral presentations by drawing conclusions, asking questions, and critiquing messages for bias, fallacies, opinion cited as fact, and unsupported generalizations. They should also practice taking coherent notes from an oral presentation.

On SchoolhouseTeachers.com

See the complete list of classes on SchoolhouseTeachers.com designed to help students sharpen their skills and gain confidence in speaking in our Drama and Speech category.
Research Skills

3rd-6th Grade

- Become comfortable using a thesaurus and encyclopedia
- Become comfortable using a dictionary, understanding the usefulness of multiple definitions, sample sentences, etymology, and the pronunciation key
- Be familiar with how to use the library, including the Dewey Decimal system and the electronic catalog
- Be able to use a Bible concordance and cross references
- Be able to use a newspaper to gather or find information
- Understand how to use a timeline
- Differentiate between primary and secondary sources

On SchoolhouseTeachers.com

Research Skills: six-week unit designed to help students in 6th or 7th grade brush up on research skills including using a dictionary, library skills, writing a bibliography, checking the accuracy of online information, and writing a proper citation

How to Do Research: unit for 4th-8th grade

Navigating the World of Research: 9 weeks for 3rd-6th grade

Our World Book libraries include multiple research tools for students including a kids dictionary, a How to Use the Dictionary guide, a standard dictionary, a How to Do Research center, a citation builder, and a visual dictionary.
Health

Every curriculum approaches health a little differently. Some incorporate it with science from the very beginning. Some incorporate it with science and anatomy in higher grades. You may enjoy Michelle Miller's Monthly Book Lists for Families selection for Healthy Reads! Famous Doctors, Nurses, and Researchers. Below, you will find an outline of some suggested health topics to incorporate each year.

You’ll find in-depth information about how to determine your child’s fitness goals and guide them on their way to developing and maintaining a healthy lifestyle in our Physical Education Center, where we have material for all ages. We’ll also help you set goals such as:

- Engaging in physical activity with competence and confidence
- Experiencing physical activity in a variety of environments
- Understanding the importance and benefits (physical, emotional, social) of a lifestyle that includes physical activity
- Incorporating regular physical activity into your family’s lifestyle
- Achieving and maintaining physical fitness
Health

4th Grade

Start learning about how your body works and how to take care of its various systems. Learn about the cardiovascular system and how to take care of your heart and lungs. Understand how these are connected to endurance and having energy. Continue to practice first aid and how to respond in emergencies. Know how to respond to strangers. Learn to identify and deal with dangerous situations.

On SchoolhouseTeachers.com

Growing Healthy in Fourth Grade: 9 weekly lessons

Lapbooking: four-week study on A Quick Look at the Human Eye

Additionally, SchoolhouseTeachers.com offers Nourishing Nuggets, Family Nutrition, and Family Fitness classes that are designed to be done as a family with adaptations for children of any age.
History

The approaches to teaching history are varied, but for the purposes of this scope and sequence, we are offering an outline of two main tracks: **traditional** (following a generally chronological approach to US history and a regional approach to world history) and **classical** (a series of cycles that follows a chronological approach, with each cycle through the topics going into more depth). Remember that you can never teach every moment of history! Help your children understand the framework of history so they can continue to build on that knowledge for the rest of their lives.

### Traditional Track

<table>
<thead>
<tr>
<th>Kindergarten</th>
<th>1st Grade</th>
<th>2nd Grade</th>
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</thead>
<tbody>
<tr>
<td>Early American History (pre-Columbian period to the Revolutionary War)</td>
<td>Early American History (pre-Columbian period to the US Constitution)</td>
<td>American History (Constitutional Convention to late 19th century)</td>
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<th>5th Grade</th>
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<tr>
<td>New World Explorers; Native Peoples; 13 US Colonies; Industrial Revolution; Europe (Renaissance to the early 19th century)</td>
<td>American History (Great Awakening to the Age of Jackson, 1720-1845); Early and Medieval Africa; Colonization and Movements Toward Independence in Central and South America</td>
<td>American History (Pre-Civil War through Reconstruction, 1820-1877); Ancient History through the Fall of Rome</td>
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<tr>
<td>American History (Post-Civil War through World War 1 and Women's Suffrage, 1860s-1919); Ancient History (AD 400 to Pre-Renaissance)</td>
<td>American History (Roaring Twenties through Post-World War II); World History (Renaissance to Early 20th Century)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</td>
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<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
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<tbody>
<tr>
<td>Some curriculums divide world history into two high school years, 9th and 10th grade. Some leave one year open for state history study or specialized study and review world history in 10th grade</td>
<td>World History (ancient to modern)</td>
<td>American History (from discovery to post-WWII)</td>
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<td>American Government and Economics</td>
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History

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### Classical Track

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<td>Ancient History (from Creation to AD 476)</td>
<td>Medieval History to the Renaissance (AD 476-1492)</td>
<td>Medieval History to the Renaissance (AD 476-1492)</td>
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<tbody>
<tr>
<td>Age of Exploration to Early 1700s (AD 1492-1755)</td>
<td>Modern History (AD 1756-present)</td>
<td>Ancient History (from Creation to AD 476)</td>
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<tbody>
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<td>Modern History (AD 1756-present)</td>
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History

4th Grade (Traditional)
American and World History

American History (Great Awakening to the Age of Jackson, 1720-1845)
- The Great Awakening including George Whitefield, Jonathan Edwards, Francis Asbury
- Identify causes, effects, events, and impact of the French and Indian War
- Identify causes, effects, specific battle sites, and impact of the American Revolution
- Explain the significance of the Stamp Act, Intolerable Acts, Taxation, Boston Tea Party, Boston Massacre, Louisiana Purchase
- The Declaration of Independence, including authors, major points, date
- Study the establishment of the capital: President; Vice President; Cabinet; Washington, DC
- Compare and contrast political parties from then and now
- War of 1812
- Explore contributions of the first seven presidents

Early and Medieval Africa
- Study early and medieval Africa
- Learn about the kingdoms of Mali, Ghana, and Songhai
- Recognize the historical significance of Ibn Battutah, Sundiata, and Mansa Musa

Colonization and Movements Toward Independence in Central and South America
- Explore the contributions of the Maya, Aztec, and Inca on Central and South American colonization
- Explore the Haitian, Mexican, South American Revolutions
- Recognize the historical significance of Simon Bolivar, Jose de San Martin, Bernardo O'Higgins
History

4th Grade (Classical)
Modern History (AD 1756-present)

America and the World Wars:
• Identify causes, effects, events, and impact of the French and Indian War, American Revolution, and the War of 1812 including key documents such as the Declaration of Independence, Constitution, and Bill of Rights; key events surrounding these wars including the Stamp Act, Intolerable Acts, Taxation, Boston Tea Party, and Boston Massacre; and key figures of the period
• Trace Westward Expansion to include the Louisiana Purchase, Trail of Tears, the Oregon Trail, and the California Gold Rush; the impact on various Native American tribes; wagon trains, cowboys, and pioneers; historical figures such as Johnny Appleseed, Daniel Boone, Davy Crockett; and American folk heroes
• Study the Industrial Revolution, including inventions, transportation, and factories
• Study the events leading up to the Civil War, the major battles of, and effects of the Civil War, as well as key figures including Harriet Tubman, Abraham Lincoln, Ulysses Grant, Robert E. Lee, and Andrew Jackson
• Explore reasons for and impacts of immigration and the importance of Ellis Island and the Statue of Liberty
• Understand the contributions of Rosa Parks, Susan B. Anthony, and Martin Luther King, Jr.
• Identify the causes and background of World War I including major events, US entry, Treaty of Versailles
• Explore major archaeological discoveries such as King Tut’s tomb, the Rosetta Stone, and excavations at Ur
• Understand the causes and effects of the Great Depression and the New Deal
• Study the causes, background, and major events of World War II and identify the significance and impact of Mussolini, Hitler, Joseph Stalin, Dietrich Bonhoeffer, Anne Frank, and Corrie ten Boom

World History:
• Discuss exploration in Australia and the South Pacific and colonization
• Learn about Russian history to include Revolutions of 1905 and 1917, Vladimir Lenin, and the Iron Curtain
• Study specific missionaries’ lives, struggles, and legacies
• Explore the British Empire and the effects of the decline of colonialism
• Trace the history of modern Israel including its establishment as a nation and wars in the Middle East
• Identify the historical significance of the Boxer Rebellion, Mao Zedong and the People’s Republic of China, Chiang Kai-Shek, and Fidel Castro
History

4th Grade
On SchoolhouseTeachers.com

Traditional:
Early American History: 16-week study of the time following the French and Indian War through the signing of the Declaration of Independence
American Revolution: 9-week study of the American Revolution with a special focus on key battles of the war
Lapbooking: 4-week unit on Eli Whitney and His Cotton Gin
Lapbooking: 4-week unit on Nathan Hale
Lapbooking: 4-week unit on A Hero of Valley Forge
American Revolution: stand-alone unit in our Unit Studies and More section
Making of the Constitution: stand-alone unit in our Unit Studies and More section

Our World Book libraries include webquests about the Lewis & Clark Expedition, Benjamin Franklin, and the American Revolution.
Our World Book Social Studies library includes a number of lessons on fights for independence, both in America and around the world.
History Around the World: 36 weekly lessons

Classical:
Early American History: 16-week study of the time following the French and Indian War through the signing of the Declaration of Independence
American Revolution: 9-week study of the American Revolution with a special focus on key battles of the war
People and Places of WWII: 68-week course that explores the causes of the war, key figures, and their nations
Asia: Its People and History: 20-week course covering what life is like for Christians today in several Asian nations along with a brief overview of each nation's history

Continued on next page
History

4th Grade (cont.)

On SchoolhouseTeachers.com

Classical (cont.):
Stepping Through History Starting With You: 27-week course covering modern times back through the 1870s; Please Note: this class is designed for slightly younger students; however, the lessons cover some incredibly interesting information in a very creative way. The lessons are compact and can easily be used alongside additional history materials

Modern History for Elementary: 36-week course
Lighting the Way: this series of videos about heroes of the faith includes heroes from the days of the Early Church through modern times

Life Lessons from Christian Luminaries: David Livingstone: stand-alone unit in our Unit Studies and More section
Life Lessons from Christian Luminaries: Isobel Kuhn: stand-alone unit in our Unit Studies and More section
Life Lessons from Christian Luminaries: Dr. Paul Brand: stand-alone unit in our Unit Studies and More section
Life Lessons from Christian Luminaries: Betty Green: stand-alone unit in our Unit Studies and More section
Mary Slessor: White Ma of Calabar: stand-alone unit in our Unit Studies and More section
Let Freedom Ring: stand-alone unit study in our Unit Studies and More section

Lapbooking: 4-week unit on Eli Whitney and His Cotton Gin
Lapbooking: 4-week unit on Nathan Hale
Lapbooking: 4-week unit on A Hero of Valley Forge
American Revolution: stand-alone unit in our Unit Studies and More section
Making of the Constitution: stand-alone unit in our Unit Studies and More section

Our World Book libraries include webquests about the Lewis & Clark Expedition, Abraham Lincoln, Harriet Tubman, Negro Leagues, World War II, Dr. Seuss, Martin Luther King, Jr., and Rosa Louise Parks.

Continued on next page
History

4th Grade (cont.)

On SchoolhouseTeachers.com

Classical (cont.):
Our World Book Social Studies Power library includes a series of Ask the Historian videos about the American Civil War and World War II. It also has a series of lessons on the abolition of slavery, women’s suffrage, the Civil Rights movement, and the rights of Native Americans and other native peoples around the world (under “Working for Civil Rights”) as well as war and conflict, touching on wars from the American Revolution through the war on terror. It also includes a number of lessons on movements for independence, in America, Canada, Australia, New Zealand, India, and around the world as well as lessons on colonialism.
Additional History Resources

This Day in History: (all ages) collection of resources to bring history to life every day of the year
Hands-On Notebooking Across the United States: state-by-state notebooking adventure for K-2nd
Learning Ladders: Famous Buildings: stand-alone eBook in our Unit Studies and More, designed for 1st-2nd grade
Learning Ladders: Inventions: stand-alone eBook in our Unit Studies and More, designed for 1st-2nd grade
American History in Picture Books: this series of activities and discussion questions based on picture books is a great introduction to history for students in 1st-5th grade
Lapbooking Through the Ages: 13 lapbooks for 1st-5th grade on a variety of history topics
All About Inventions: this short unit for 2nd-5th grade on our Unit Studies and More page takes a fun look at the history of some modern inventions like glue, bubble gum, and more
Presidents of the Past: a short unit for 2nd-5th grade discussing select presidents from Washington to Nixon can be found in our Unit Studies and More section
Summer Olympics: one-month unit study for 2nd-6th grade on our Unit Studies and More page
Life of Abraham Lincoln: 12-week study for 2nd-9th grade
The Submarine: A Legend Before Its Time: stand-alone unit study for 3rd-7th grade on our Unit Studies and More page
Fashions in History: 11 weekly lessons plus numerous optional extension activities
A Timeline of Hieroglyphics to Hypertext: A Timeline of the Written Word: stand-alone eBook in our Unit Studies and More, designed for 4th-6th grade
A Timeline of Smoke Signals to Smartphones: A Timeline of Long-Distance Communication: stand-alone eBook in our Unit Studies and More, designed for 4th-6th grade
A Timeline of Stargazing to Space Travel: A Timeline of Space Exploration: stand-alone eBook in our Unit Studies and More, designed for 4th-6th grade
Liberia: Land of Liberty: stand-alone unit study for 4th-6th grade on our Unit Studies and More page
History of Air Travel: five eBooks in our Unit Studies and More, designed for 5th-6th grade
Native American History: An Introduction: eighteen weeks designed for 7th-9th grade
Writing On This Day In History: collection of history-themed writing prompts for every day of the year; designed for 7th-10th grade
History Quizzes and Activities: numerous units for 7th-12th grade*
Additional History Resources (cont.)

Women Through History: twenty-nine weeks for 8th-12th grade
Church History: twelve weeks for 9th-12th grade
History of Christianity: video-based course for 9th-12th grade exploring the impact of Christianity on various points of history
Heroes: Saving Jewish Lives from the Nazis (VIDEO): 9th-12th grade
Magna Carta Unlocked (VIDEO): four-hour video documentary for 9th-12th grade
This Changed Everything (VIDEO): three-hour video documentary about the Protestant Reformation with study guide for 9th-12th grade
WWI Military Chaplains (VIDEO): documentary for 9th-12th grade

You may also enjoy Michelle Miller’s recommended reading lists for Black History Month, Courage, Hero Hurrah! and World War II.

Our World Book Student library has a biography center where you can search more than 10,000 famous people or generate lists of people based on gender, job or achievement, country or cultural heritage, and time period. For example, students could find female explorers or male English scientists of the 1800s.

Our World Book Timelines library includes hundreds of timelines, thousands of events, and the ability to build or customize your own timeline. Some of the premade timelines include timelines of US, African, Asian, Australian, Canadian, European, Latin American, Middle East, and New Zealand history; US military history; the history of explorers; world history; history of science and inventions; and the history of literature.

Our World Book Advanced library includes a Teaching with Documents series of lessons on military history from Charlemagne to Vietnam.

*One possible way to use the history quizzes as part of your curriculum is to use the answer key as the lesson to spark independent research. For example, using the Campaign Slogans quiz, students can learn who said slogans such as, “A New Deal,” “The Silent Majority,” and “Return to Normalcy” and then use that knowledge as a springboard to learn more about these presidents, what their slogans mean in an historical context, and why they resonated with people.
Geography

Some curricula treat geography as a subject separate from history in K-8th grade, while others incorporate it into historical studies. For example, any time the nation of China is studied is a perfect time to explore the physical characteristics and boundaries of the nation. This makes geography interesting and relevant for the students. However, there is some basic geography that can be studied independently from historical studies. Here are some of the goals included in various curricula.

You may also enjoy Michelle Miller’s Monthly Book Lists for Families selections for Africa, Florida, and Travel.
Geography

4th Grade

- Learn about and use map scales
- Study population maps
- Learn about natural resources of various countries
- Review latitude, longitude, and degrees and how to use them to find locations
- Learn about the international date line
- Learn the major mountain ranges and peaks of the world
- Memorize the fifty states of the United States and their capitals

On SchoolhouseTeachers.com

Learning Across the USA: fifty daily lessons designed to cover ten weeks
All About Maps: Unit 4: self-paced unit
All About the World: Unit 4: self-paced unit

Our Social Studies Power library from World Book includes a series of lessons about types of maps and map skills under the section labeled Map Skills. There are also Geography Games as well as Local Resources, which allows students to learn about natural resources in countries around the world.

Additionally, SchoolhouseTeachers.com has a number of supplemental geography resources for your family to enjoy. You will find these on the page titled Additional Geography Resources that is included with this scope and sequence. There are printable maps, outline maps and flags, an atlas, interactive maps, and more in the map resources featured in several of our World Book libraries and fun geography games in our World Book Kids library. Several of our World Book libraries include a feature called Compare Places which allows students to compare and contrast various states, provinces, dependencies, countries, and continents.
Additional Geography Resources

Everyday Explorers-Australia/New Zealand: 7 monthly units for K-12th grade
Everyday Explorers-Canada: 11 monthly units for K-12th grade
Everyday Explorers-USA: 17 monthly units for K-12th grade
Exploring Elementary World Geography: 7 units for 1st-4th grade
A Splash of Geography: 12 monthly units for 1st-12th grade
Ayo’s Awesome Adventures Around the World for Kids: 10 eBooks for 2nd-4th grade
Asia: Trade Route Safari (also included with Additional History Resources): 38 weeks for 2nd-5th grade
Wonders of the World: 5 weeks for 3rd-5th grade
Let’s Visit Denmark: 9 week-study for 3rd-6th grade
Lapbooking: 4-week unit on London and Buckingham Palace for 3rd-7th grade
Get to Know Australia: webquest for 5th-8th grade
Geography Quizzes and Activities: numerous units for 7th-12th grade*
Kinetic Connections: offers tips to help parents teach geography to hands-on learners
Trek to the Holy Land and Beyond: video series for middle-high school
Geography of the Bible: video series for high school

There are further resources in our Unit Studies and More section including Cruisin' the Country, Geography Study with George Frederic Handel, Geography Study with Missionary William Carey, Military Geography, Physical Geography of Africa, and Travel the World.

*One way to use the geography quizzes as part of your curriculum is to use the answer key as the lesson to spark independent research. For example, using the Commodities quiz, students can learn that Venezuela exports iron ore, Russia exports natural gas, etc. They can use that as a springboard to learn more about these specific countries and exports, write a paragraph or more on each, and then take the quiz at the end.
Social Studies

Some curricula treat social studies as a subject separate from history, while others incorporate it into historical studies. The ways in which social studies can be combined with history are virtually endless. When you study a period in history, look at as many aspects of daily life as you can. What jobs did people have? What were their families like? What kinds of homes did they live in? Here are some specific goals included in various curriculums that do not always fall into a course of historical studies.
Social Studies

2nd-4th Grade

- Changes in transportation, communication, and technology, and how that affects our daily lives
- Flag etiquette
- Learn about famous artists, authors, musicians, and others in the arts and culture

On SchoolhouseTeachers.com

**Foods and Food Production**: 26 lessons for 1st-3rd grade

**Changes in Transportation, Communication, and Technology**: this unit is found in our Unit Studies and More section.

**Flag Etiquette**: this unit is found in our Unit Studies and More section.

Famous artists, authors, musicians, and others in the arts and culture are woven throughout the history, art, and music lessons found on the site.

Additionally, you may enjoy the Growing Up Dutch and Renaissance Festival units in *Ditch the Desk* and Michelle Miller's *Monthly Book Lists for Families* selections for Authors, Art, Patriotism, and Courage.
Citizenship

Some curricula treat and include with its history/social studies for K-6th grades specific goals regarding teaching citizenship. This can be done in a structured way or in an unstructured way as you discuss voting, respecting authority, working together, and other such topics. Here are some of the goals included in various curricula.
Citizenship

4th Grade

Discuss how our leaders are elected. Talk about how leaders are chosen in other countries. Discuss the Declaration of Independence. Compare the democracy in the United States to the government of other nations. Discuss your state government, what those who serve in it do, and what some of the problems and issues are that your state government is working to address.

On SchoolhouseTeachers.com

Rights of Citizens for Fourth Graders: 8-week study

Elections and the US Presidency: 6-8 week unit study for 4th-8th grade

The structure of local, state, and federal government is discussed in the four-week study Checks and Balances. You may also enjoy Michelle Miller’s recommended reading lists for Civics, Parts One and Two.

Our World Book Social Studies Power Library includes lessons on what makes a community, types of communities, the types and roles of government, and the responsibility of citizens.
Economics

Some curricula treat and include with their K-6th grade history/social studies specific goals regarding the teaching of economics. This can be done in a structured way or in an unstructured way as you discuss daily life, budgeting, the needs of the household, and other related topics with your children. You may enjoy Michelle Miller’s Monthly Book Lists for Families selections for Entrepreneurship & Work Ethic and Thrift & Resourcefulness. Here are some of the goals included in various curricula.

Additionally, for students in 7th-12th grade, SchoolhouseTeachers.com offers:

**Inventions and Discoveries: Economics:** eBook for 5th-8th grade in the Unit Studies and More section
**Economics:** 16 weeks for 7th-12th grade
**Free Market Economics:** 24 weeks for 8th-12th grade
Economics

4th Grade

Talk about ways a region’s geography affects its economy (its access to resources, the resources it produces, etc.). Create a map of each continent to show the major exports of several nations. Review key concepts such as produce/consume, supply/demand, and importing/exporting.

On SchoolhouseTeachers.com

Elementary Economics for Fourth Grade: 9 weeks

5th Grade

Talk about the stock market and investments and how they work. Discuss how various types of economic systems have developed. Explore how various economies are interdependent.

On SchoolhouseTeachers.com

Elementary Economics for Fifth Grade: 9 weeks
## Math

### 4th Grade

<table>
<thead>
<tr>
<th>Math</th>
<th>Geometry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded form of numbers</td>
<td>Draw, identify, define points, lines, line segments</td>
</tr>
<tr>
<td>Place value of whole numbers and decimals</td>
<td>Draw, identify, define rays and angles</td>
</tr>
<tr>
<td>Equations with negative numbers</td>
<td>Draw, recognize, define parallel and nonparallel</td>
</tr>
<tr>
<td>Equations with function tables</td>
<td>Identify various kinds of triangles</td>
</tr>
<tr>
<td>Graphs and scale drawings</td>
<td>Understand circles and degrees</td>
</tr>
<tr>
<td>Using an English and metric ruler</td>
<td>Use a protractor</td>
</tr>
<tr>
<td>Round numbers to any place through thousands</td>
<td>Angles: right, acute, and obtuse</td>
</tr>
<tr>
<td>Data: mean, median, mode</td>
<td>Symmetry, similar, and congruent</td>
</tr>
<tr>
<td>Data: range, frequency</td>
<td>Radius and diameter of a circle</td>
</tr>
<tr>
<td>Estimating answers</td>
<td>Using a Protractor</td>
</tr>
<tr>
<td>Reading a thermometer</td>
<td></td>
</tr>
</tbody>
</table>

| Addition, Subtraction, Multiplication, & Division                    | Fractions                                                              |
| Addition: through six-digit addends                                 | Multiply fractions by whole numbers                                   |
| Subtraction: through six-digits                                      | Addition, subtraction, and multiplication                             |
| Multiplication: 1 digit times 2-4 digits                             | Factoring and divisibility                                            |
| Multiplication: 2-3 digits by 3 digits                              | Convert improper fractions to mixed numbers                           |
| Division: 2-4 digits by 1 digit                                      | Convert mixed numbers to improper fractions                          |
| Division: 2-3 digits by 2 digits                                    |                                                                     |
| Division: 1-2 digit remainders                                      |                                                                     |

English and metric measures (Converting within and understanding differences between (such as grams are smaller than ounces, 8 cups = 1 gallon)
Math

4th Grade

On SchoolhouseTeachers.com

**Strengthening Skills with Fourth Grade Math:** 36 weeks

**Fun with Shapes (Geometry):** eBook in the Unit Studies and More section

**Understanding Fractions Workshop:** 11 lessons

Additionally, SchoolhouseTeachers.com has [How to Teach Elementary Math](#), [Kinetic Connections](#), and [Hands-On Math Help with Cuisenaire Rods](#) to help parents teach elementary math skills. There are hundreds of fun printable games to help reinforce elementary math concepts in [Everyday Games](#), and a number of additional supplemental math resources for your family to enjoy. You will find these on the page titled Additional Math Resources that is included with this scope and sequence.
Additional Math Resources

**Monthly Reading Lists**: book lists for Math at various reading levels

**Let's Do Math Outside**: 24 worksheets and activities for 1st-4th grade

**Teach Kids Algebra**: help introducing algebra concepts to younger elementary students

**Algebra for Kids**: 13 lessons for 2nd-3rd grade

**Ditch the Desk**: Weeks 3-4 of Spring unit for 2nd-5th grade

**Ditch the Desk**: Week 2 of Test Taking unit for 2nd-5th grade

**Multiplication Workshop**: variable length for 3rd-5th grade

**Decimal Workshop**: 10 lessons for 3rd-5th grade

**Multiplication and Division Practice Unit**: 24 lessons for 3rd-5th grade

**Whole Numbers Place Value**: 11 lessons for 3rd-5th grade

**Ditch the Desk**: Baking with Math single unit for 3rd-5th grade

**Fraction Workshop**: 12 lessons for 3rd-6th grade

**Middle School Math Help**: Fractions, 4-week unit for 3rd-6th grade

**Daily Math**: more than 200 supplemental worksheets for 3rd-8th grade reviewing a wide range of skills

**Doodles Do Math**: 79 daily lessons for 4th-6th grade

**Middle School Math Help**: Equations, 4-week unit for 4th-6th grade

**Middle School Math Help**: Probability and Statistics, 3-week unit for 4th-6th grade

**High School Math Help**: Finding Areas Using Reasoning, single unit for 10th-12th grade

**High School Math Help**: Pythagorean Theorem, 5-lesson unit for 10th-12th grade

**High School Math Help**: Finding Areas Without Formulas, 5-lesson unit for 10th-12th grade

**High School Math Help**: Lesson on Pi, 2-lesson unit for 10th-12th grade

**Focused Learning Center-Math**: round up of all math resources on the site plus extra teaching helps
Science

4th Grade

Life Science
• Anatomy
  • Circulatory System: structure and function of the heart, components of blood, types of blood vessels (arteries, veins, capillaries), how blood clots, blood transfusions
  • Respiratory System: process of respiration, structure and function of the lungs, relationship between smoking and lung cancer
• Plants
  • Key vocabulary: basic plant structure, seeds, germination
• Animals
  • Key vocabulary: insects, spiders, reptiles
• God’s Provision for Life on Earth

Earth Science
• Weather and Seasons
  • Key vocabulary: cloud formations, barometric pressure, layers of the atmosphere, air pressure, cold and warm fronts, various weather instruments, forecasting
  • Identify causes of weather, seasons, thunder, lightning
• Geology
  • Key vocabulary: core, mantle, crust, plate tectonics, earthquakes, volcanoes, continental drift, mountain formation, rock cycle, soil formation
• Effects of Pollution
• Ocean and the Hydrosphere

Physical Science
• Astronomy
  • God’s design of the Heavens
• Electricity and Magnetism
  • Key vocabulary: current electricity, static electricity, electromagnets, conductors, insulators, series circuit, parallel circuit, electrons, electrical currents, magnetic fields
  • Understand conversion of electrical energy.
  • Identify uses of electricity in daily life and safety precautions and hazards

Continued on next page
Science

4th Grade

Physical Science
- Chemistry
  - Key vocabulary: atom, physical and chemical properties, mass, density, elements, compounds, solutions, diluted, concentrated, saturated, protons, neutrons, electrons, mass, matter, weight, solvents, solutes, density, evaporation, melting, condensation, freezing
- Law of Conservation of Energy
- Properties of Water

On SchoolhouseTeachers.com

Life Science
- Lapbooking: four-week study Let's Look at Tarantulas for upper elementary-middle school; four-week study of the Bengal Tiger for upper-elementary-middle school
- Ditch the Desk: two-week study of Backyard Critters; two-week study of Space
- Wildlife Adventures: one-week study of butterflies
- Bug Science: fourteen-week study of worms and parasites
- Wonderful World of Bugs: four-week study
- Curious Science: one-month study of dung beetles; one-month study of vegetarian spiders; one-month study of zombie fire ants; one-month study of velvet ants; one-month study of the cicada-killing wasp
- Discovering Disgusting Creatures: eight units on various types of animals
- Mammals: eBook in the Unit Studies and More section
- Learning About Animals: eBook in the Unit Studies and More section

In our World Book Science Power library, you will find lessons on the circulator, respiratory, digestive, urinary, endocrine, skeletal, muscular, and nervous systems. You'll also find a study of life cycles in plants and animals including metamorphosis, seed plants, seedless plants, flowering plants, and germination.

Earth Science
- Geology Unit Two: The Geology of Our Natural Parks: sixteen weekly lessons
- Curious Science: one-month study of snow rollers

Our World Book Kids library includes a fun lesson plan all about lightning under Crack the Code and about water purification under Craft Room. It also includes science projects about soil and crystal formation. The World Book Student library includes webquests about the sun and hurricanes.

Continued on next page
Science

4th Grade

On SchoolhouseTeachers.com (cont.)

Earth Science (cont.)

**Experiencing Weather**: five stand-alone unit studies that explore various weather phenomena

Physical Science

**Everyday Astronomy**: 180-day study divided into short lessons that can be combined to cover less time or done in a small dose each day

**Creation Club Science**: one-month study of the moon; one-month study of the earth in the Unit Studies and More section

**Introduction to Mixtures and Solutions**: single unit in the Unit Studies and More section

**The Shocking Truth About Electricity**: single unit in the Unit Studies and More section that introduces conductors and circuits with experiments

Our **World Book Kids library** includes a fun lesson plan about using the sun to tell time and about constellations under Craft Room.

In our **World Book Science Power** library, you will find lessons on various types of the cycles of change (sun, moon, and seasons), acids and bases, and mixtures and solutions. You’ll also find several lessons on electricity, circuits, and magnetism.

**Exploring God’s World with Fourth Grade Science**: thirty-six weekly lessons covering many of the topics listed
Additional Science Resources

- **Ditch the Desk**: Week Four (Science) of Test Taking Unit for elementary
- **Lapbooking Through Science**: six mini lapbooks for 1st-3rd grade
- **Let's Do Science Outside**: 20 worksheets for 1st-4th grade
- **Light Studies**: 2 units in Unit Studies and More; all about light for 1st-5th grade
- **Chemistry Help**: thirty-six units
- **Science Experiments with Jason Lindsey**: easy science experiments you can do with household items
- **Science Experiments with World Book**: more than 100 simple science experiments you can do at home
- **Diet Pop and Mentos**: downloadable experiment guide in the Unit Studies and More section
- **Nature/Outdoors**: four-week study of sand; four-week study of animal tracks; four-week study of the night sky; four-week study of rainbows; four-week study of winter; four-week study of creeks
- **The Story of Energy**: e-book in the Unit Studies and More section that explores the discovery of electricity and natural gas, the long road to distributing those resources, the deregulation of the phone system in the past, and what the deregulation of energy may mean for the future
- **Kinetic Connections-Science**: parent helps for teaching science
- **Focused Learning Center-Science**: round up of all science resources on the site
- **Monthly Book Lists**: see lists of books on physical science fun, fun with life science, nature exploration, and science
Additional Resources for Elementary

Ditch the Desk

Enjoy this Ditch the Desk unit all about spring!

Lapbooks

Enjoy this lapbooking unit as you study Philemon.

Kinetic Connections

Enjoy this series of teaching ideas for holidays, seasons, and special occasions.

Unit Studies and More

Don’t miss the unit studies on Following the Iditarod, From Tree to Table: A Maple Syrup Story, and The Appalachian Trail in our Unit Studies and More section. You can also find the Test Your Knowledge Quiz Bank, Brain Teasers, Brain Ticklers, On the Move, Tough Trucks, Cranberry Christmas, and A Bouquet of Valentine’s Day Fun in our Unit Studies and More section.

Daily Puzzlers

Daily Puzzlers are language-based logic puzzles that vary in difficulty and include puzzles for 2nd through 12th grade.