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

- Classify pieces of art by period and create timelines of art and artists
- Begin studying major schools and periods, including major artists and their works. Topics may include impressionism, postimpressionism, expressionism, abstract art, surrealism, and modern art
- Learn how to ask questions about and analyze art

On SchoolhouseTeachers.com

A Century of Art: nine weeks of art history for 6th-8th grade
Everyday Easels: eighteen weeks of material for 6th grade
Art Appreciation-South African Art: eighteen-week study for 6th-7th grade
Studio Art for Teens: ten weeks for 8th grade
Drawing with Realism: 8 weeks (two units) each for 7th and 8th grade plus additional help in Art Tips with Jan Bower
Exploring the World of Art: two units (eight weeks) for 6th grade and two units (eight weeks) for 7th grade
Achieving Art Success with ArtAchieve: Level III, 7 units each year of 6th and 7th grade; Level IV, 6 units in 8th grade; available through August 27, 2020, at which time we hope to renew

Students in 4th-7th grade may also enjoy the four-week Lapbooking unit Knights of Art: Stories of Italian Painters.

(cont.)
Art and Music

6th-8th Grade

On SchoolhouseTeachers.com

In our Electives category, we also have Heritage Crafts (all ages), Photography (2nd-12th grade), Hands-On Architecture (3rd-7th grade), Architecture (Introduction) (6th-12th), Image Creation and Editing (6th-12th), Introduction to Graphic Design (6th-12th), and Filmmaking (7th-12th). You may also enjoy our unit on Remarkable Art in the Unit Studies and More section.

Our World Book libraries feature many art-themed articles and studies, including timelines of American artists, Australian artists, European artists, leaders in cinema and photography, dance history, and the history of painting. Our World Book Discover library contains a series of videos about arts, entertainment, and culture in the World Book Explains section.
Art and Music

6th-8th Grade

Music

- Identify major and minor tonalities and identify themes, variations, and repeating structures in music
- Continue to review and expand upon musical concepts learned previously. Also introduce musical terms such as octave, grave, largo, adagio, andante, moderato, allegro, and presto. Also learn to identify and define counterpoint, fugue, oratorio, symphony, concerto, rondo, suite, opera, string quartet, sonata, and chamber music
- Learn about major and minor scales, diatonic scales, and keys up to three sharps or flats
- Learn the bass clef and its notes
- Learn about major and minor scales and be able to recognize I, IV, and V7 chords
- Study chord changes, progressions, and intervals
- Recognize and identify vocal ranges (soprano, alto, tenor, baritone, and bass)
- Continue to listen to music by various composers and learn to match key pieces with their composers
- Create and play original musical compositions

On SchoolhouseTeachers.com

Music Theory I: sixteen weeks of the secondary level in 6th, 7th, or 8th grade
Music Theory II: sixteen weeks of the secondary level in 6th, 7th, or 8th grade
Composing with the Masters: 18 weeks for 8th grade

The Timeline database in our World Book library contains timelines of various musicians and composers as well as the history of several different types of music.

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](#).
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.
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.
Literature (5th-8th)

At this stage, the focus shifts from the student reading and comprehending what he or she has read to reading deeply and evaluating what he or she has read. As always, plenty of time for reading for pleasure should also be allowed. Don’t forget the Monthly Book Lists for Families, which has book suggestions divided by grade level and topic.

As you read through the objectives for each year, please keep in mind that many of the skills listed can be applied to almost any piece of literature. Talk to your students about what they are reading. Ask them why they feel a certain way about an answer. How did they reach the conclusion they came to? Turn the objectives into questions and ask them to write their responses. Don’t try to turn reading into nothing more than a formulaic analysis. There is a place for that, and it’s important for students to learn to think critically about what they are reading. But it is also important to let students get lost in a great story and swept up into a world bigger than the one they know. Make time for both, and you will both enjoy the journey more!
Literature

8th Grade

- Compare and contrast a fictional portrayal and an historical account of the same event or time period
- Expand on knowledge of works by prominent authors. Some suggested authors for this grade include Stu-
  art, Whittier, Longfellow, Hawthorne, and Sandburg.
- Expand on knowledge of the classics. Suggested works for this grade include *Cyrano de Bergerac, A Tale of *
  *Two Cities, Animal Farm, The Good Earth,* and *Twelfth Night*.
- Be familiar with dramatic elements including farce, satire, soliloquies, and asides
- Be able to dramatize a reading selection
- Research a certain aspect (scientific, historical, geographical) of a book
- Write a critical essay in response to a reading
- Compare and contrast tragedy and comedy
- Analyze if a movie or live performance is true to the text

On SchoolhouseTeachers.com

*Elements of Literature*: 36-week course

*Literature*: *The Hobbit* by J.R.R. Tolkien

*Fundamental Elements of Literature and Composition*: 16-week course for 7th-9th grade (this course is also
listed under 7th-12th Grade Writing and Composition)

Additional works can be explored through the *Lapbooking* units for middle-high school listed below:
J.R.R. Tolkien: Influences From His Early Life
“To Autumn” by John Keats

Additionally, you may wish to continue to expand on the classics and practice the ability to dramatize a read-
ing selection with units from *Simply Shakespeare* and *In the Limelight* (which includes a study of *Cyrano de *
*Bergerac*). These units also give students an opportunity to research certain aspects of a book or play.
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

7th-12th Grade

In junior high and high school, writing is an integrated part of most subjects. Some students may wish to focus on writing classes tailored to a specific interest such as playwriting or fiction writing. This is also the time when some students enjoy exploring the history of the English language as it has changed over the centuries. In addition to developing and polishing their writing skills with cross-curricular assignments, students also should learn:

- to write a letter to the editor
- to appropriately cite quotations and sources
- to paraphrase material while avoiding plagiarism
- to be familiar with word processing/publishing software
- to assess the credibility and accuracy of sources
- to use parallelism in their writing where appropriate
- to write webpages and blog posts
- to write a resume
- to write an analytical essay
- to write an interior monologue for a character
- to create and deliver a multimedia presentation

A large number of writing and composition topics are explored in the following classes, though depending on the classes chosen and the interests of the student, you may wish to add writing a specific type of piece such as a letter to the editor or blog posts.
Writing and Composition

7th-12th Grade

On SchoolhouseTeachers.com

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

Words and What to Do With Them: 9 weeks for students who want to learn what to do with what they've written

Benjamin Franklin Writing Method: 24-week course that helps your 7th-12th grade student improve their writing skills using the same method employed by Benjamin Franklin—imitating the masters

Experiencing Epics and Poetry: 18-week course for 7th-8th grade

Creative Writing: 24-week course to help your 6th-9th grade student learn modern fiction writing techniques and move their work toward publication

Writing: Advertising Copy: short three-week course that helps students in 7th-12th grade incorporate the methods used in advertising in their own writing and identify those methods when they see them in advertising they read

Writing: Compare and Contrast: 10-week mini-course that will help students in 7th-12th grade learn the fine art of comparing and contrasting in what they write

The Writing Life: Learn to Write Well: 34-week course for 9th-12th grade that teaches various types of writing including fiction, newspaper, reports, magazine articles, and more

Writing: College Admission Essay: 2-week mini-course that helps juniors and seniors prepare for and write the college admission essay

Fundamental Elements of Literature and Composition: 16-week course for 7th-9th grade (this course is also listed under 8th Grade Literature)

Writing units that would complement a 10th grade world literature class:

- “Three Questions” by Leo Tolstoy
- Around the World in Eighty Days by Jules Verne
- “Daedalus and Icarus” by Ovid and Bulfinch
- History of the Decline and Fall of the Roman Empire by Edward Gibbon (cont.)
Writing and Composition

7th-12th Grade

On SchoolhouseTeachers.com (cont.)

Writing and Classics-Based Writing units that would complement a 11th grade American literature class:
- “A Message to Garcia” by Elbert Hubbard
- “Paul Revere’s Ride” by Henry Wadsworth Longfellow
- “Whistle” by Benjamin Franklin
- Moby Dick by Herman Melville
- “I Hear America Singing” by Walt Whitman
- “Hearts and Hands” by O. Henry
- Little Women by Louisa May Alcott
- Classics-Based Writing: “To a Locomotive In Winter” by Walt Whitman
- Classics-Based Writing: Condolence Letter to Mrs. Bixby by Abraham Lincoln
- Classics-Based Writing: Declaration of Independence by Thomas Jefferson

Writing and Classics-Based Writing units that would complement a 12th grade British literature class:
- “The Slavery of Free Verse” by G.K. Chesterton
- “How They Brought the Good News from Ghent to Aix” by Robert Browning
- “Sonnet VII: How Soon Hath Time, the Subtle Thief of Youth” by John Milton
- “On First Looking Into Chapman’s Homer” by John Keats
- “Advent” by Christina Rossetti
- “The Fly” by William Blake
  “The Wind and the Moon” by George MacDonald
- “The Seven Ages of Man” from As You Like It by William Shakespeare
- “To Winter” by William Blake
- “The White Ship” by Dante Gabriel Rossetti
- Classics-Based Writing: “Easter Wings” by George Herbert
- Classics-Based Writing: “Daffodils” by William Wordsworth
- Classics-Based Writing: Bleak House by Charles Dickens
- Classics-Based Writing: “Shall I Compare Thee to a Summer’s Day” by William Shakespeare (cont.)
Writing and Composition

7th-12th Grade

On SchoolhouseTeachers.com (cont.)

Additional Writing and Classics-Based Writing units for 7th-12th grade cont.:

- “September 1918” by Amy Lowell
- “A Leak in the Dike” by Phoebe Cary
- Classics-Based Writing: “Opportunity” by Edward R. Sill
- Classics-Based Writing: “Death Comes for the Archbishop” by Willa Cather
- Classics-Based Writing: Limericks by various authors
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

8th Grade

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

- progressive tenses of verbs
- about participles
- about verbal phrases
- how to use italics and quotation marks correctly when referring to the title of an artistic work, names of ships, etc.
- how to form and use verbs in the indicative, imperative, interrogative, conditional, and subjunctive moods
- about qualifier and relative adverbs
- about phrasal prepositions
- about two-way modifiers
- about perfect and passive gerunds, perfect and passive infinitives, split infinitives, progressive infinitives, and elliptical infinitives
- about reciprocal pronouns
- about conjunctive adverbs
- about perfect and passive participles

On SchoolhouseTeachers.com

Daily Grammar: 7th-8th Grade: 16 weekly worksheets that review and build on grammar skills and practice diagramming (covers many of the topics listed above)

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.
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

7th-12th Grade

Many health curricula either introduce or expand on the topics of sex education, tobacco use, drugs, and alcohol throughout the junior high and high school years. We feel it is imperative for each family to decide when those discussions are appropriate for each child and will not attempt to assign grade levels to these discussions.

On SchoolhouseTeachers.com

If you would like to continue to incorporate general health studies through 8th grade, you may want to consider Understanding Middle School Health, a 36-week course for 6th-8th grade.

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>Grade</th>
<th>1st Grade</th>
<th>2nd Grade</th>
<th>3rd Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kindergarten</td>
<td>Early American History (pre-Columbian period to the Revolutionary War)</td>
<td>American History (Constitutional Convention to late 19th century)</td>
<td>New World Explorers; Native Peoples; 13 US Colonies; Industrial Revolution; Europe (Renaissance to the early 19th century)</td>
</tr>
<tr>
<td>1st Grade</td>
<td>Early American History (pre-Columbian period to the US Constitution)</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 (Great Awakening to the Age of Jackson, 1720-1845); Early and Medieval Africa; Colonization and Movements Toward Independence in Central and South America</td>
</tr>
<tr>
<td>2nd Grade</td>
<td>American History (Constitutional Convention to late 19th century)</td>
<td>American History (Pre-Civil War through Reconstruction, 1820-1877); Ancient History through the Fall of Rome</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>
</tr>
<tr>
<td>3rd Grade</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>
<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>
</tr>
<tr>
<td>4th Grade</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>
<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>
</tr>
<tr>
<td>5th Grade</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>6th Grade</td>
<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>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>7th Grade</td>
<td>World History (ancient to modern)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>8th Grade</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>9th Grade</td>
<td>World History (ancient to modern)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>10th Grade</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>11th Grade</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
<tr>
<td>12th Grade</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</td>
<td>Modern American History (Post-World War II to present); Modern World History (1900 to present)</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>
</tr>
</tbody>
</table>
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.

### Classical Track

<table>
<thead>
<tr>
<th>Kindergarten</th>
<th>1st Grade</th>
<th>2nd Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History (from Creation to AD 476)</td>
<td>Medieval History to the Renaissance (AD 476-1492)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3rd Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age of Exploration to Early 1700s (AD 1492-1755)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4th Grade</th>
<th>5th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern History (AD 1756-present)</td>
<td>Ancient History (from Creation to AD 476)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medieval History to the Renaissance (AD 476-1492)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7th Grade</th>
<th>8th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age of Exploration to Early 1700s (AD 1492-1755)</td>
<td>Modern History (AD 1756-present)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History (from Creation to AD 476)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10th Grade</th>
<th>11th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medieval History to the Renaissance (AD 476-1492)</td>
<td>Age of Exploration to Early 1700s (AD 1492-1755)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern History (AD 1756-present)</td>
</tr>
</tbody>
</table>
History

8th Grade (Traditional)
Modern American and World History

Modern American History (Post-World War II to Present)
- Study the causes and effects of the Cold War and the Korean War
- Identify the contributions of McCarthyism, the Eisenhower presidency, JFK’s presidency
- Understand the historical significance of the Marshall Plan, Truman Doctrine, the Iron Curtain, the Apollo moon landing, Watergate
- Study lifestyles, trends, and commonalities in America in the 1950s and 1960s
- Explore the Civil Rights Movement to include Rosa Parks, Martin Luther King, Jr., and Lyndon B. Johnson
- Study the causes and effects of the Vietnam War to include protests and treatment of returning veterans
- Study the causes and effects of the First Gulf War
- Explore modern issues in America to include women’s rights, farm workers, environmentalism, Native American reservations, coal industry, the Internet, energy crisis
- Explore the causes and recent history of the War on Terror including key dates and people

Modern World History (1900 to present)
- Explore the British Empire and the effects of the decline of colonialism
- Explore the effects of the establishment of the People’s Republic of China
- Identify the historical significance of the Opium War, Sun Yat-Sen, Mao Zedong, Chiang Kai-Shek, Fidel Castro
- Explore the Middle East and the effects of various conflicts to include the Suez crisis, Arab-Israeli Wars, 1979 Iran Revolution, Iran-Iraq War, Persian Gulf War, and oil politics
- Explore the European Union
- Explore the division and reunification of China, Germany, U.S.S.R
- Explore current issues to include child labor, human trafficking, Islamic militants
8th Grade (Classical)
Modern History (AD 1756-present)

America and the World Wars:
- Identify causes, effects, events, and impact of the French and Indian War
- Explain the causes, effects, specific battle sites, key figures, and impact of the American Revolution
- Significance, details of creating, key points, and impact of early historical documents such as the Declaration of Independence, Constitution, and Bill of Rights
- Study the establishment of the capital and the events surrounding the War of 1812
- Trace Westward Expansion to include the Louisiana Purchase, the Santa Fe Trail, the Erie Canal, Trail of Tears, the Oregon Trail, and the California Gold Rush
- Explore various Native American tribes and the changes to their way of life
- Study the Industrial Revolution, including inventions, transportation, factories
- Identify the historical significance of the Battle of the Alamo
- Study the events leading up to the Civil War to include the Compromises of 1820 and 1850
- Study the causes, major battles, and effects of the Civil War
- Explore reasons for and impacts of immigration and the importance of Ellis Island and the Statue of Liberty
- Understand the contributions of key figures such as Rosa Parks, Susan B. Anthony, and Martin Luther King, Jr. to the equal rights movement
- Trace the contributions of Jacob Riis, Booker T. Washington, and Dwight L. Moody
- Identify significance and impact of inventions by Alexander Graham Bell, Thomas Alva Edison, Henry Ford, the Wright Brothers
- Identify the causes and background of World War I including major events, US entry, Treaty of Versailles
- 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 Benito Mussolini, Adolf Hitler, Joseph Stalin, Dietrich Bonhoeffer, Anne Frank, Corrie ten Boom, the Manhattan Project, the Marshall Plan, and the Truman Doctrine
- Study the causes and effects of the Cold War and the Korean War
- Identify the significance of McCarthyism, the Eisenhower presidency, JFK's presidency, and the Apollo missions (cont.)
History

8th Grade (Classical, cont.)
Modern History (AD 1756-present)

America and the World Wars (cont.):
• Study the causes and effects of the Vietnam war to include protests and treatment of returning veterans
• Study the causes and effects of the First Gulf War, the recent War on Terror including key dates and people, oil politics, and militants

World History:
• Discuss exploration in Australia and the South Pacific and colonization
• Recognize key historical figures in leadership roles including Catherine the Great, Louis XVI, Marie Antoinette, and Napoleon Bonaparte and explain the historical significance and impact of the Seven Years’ War, French Revolution, and Napoleonic Wars
• Identify the historical significance of Karl Marx and Marxism
• Learn about Russian history to include history, culture, and 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, Opium War, Sun Yat-Sen, Mao Zedong and the People’s Republic of China, Chiang Kai-Shek, Fidel Castro, Bay of Pigs Invasion, and the Cuban Missile Crisis
• Explore the reunification of Germany and the fall of the U.S.S.R
• Study Apartheid and Nelson Mandela in South Africa
• Explore current issues to include child labor and human trafficking

Colonization and Movements Toward Independence in Central and South America
• Explore the independence revolutions and recognize the historical significance of Simon Bolivar, Jose de San Martin, and Bernardo O’Higgins
History

8th Grade

On SchoolhouseTeachers.com

Traditional:
US and Modern World History: 44-week course
Interdependence of the States: stand-alone unit in our Unit Studies and More section
Civil Rights Movement: 18-week course looks at the events leading to the Civil Rights Movement and the impact of many key figures
Our World Book libraries include webquests about Martin Luther King, Jr. and Rosa Louise Parks.

Classical:
Interdependence of the States: stand-alone unit in our Unit Studies and More section
Civil Rights Movement: 18-week class looks at the events leading to the Civil Rights Movement and the impact of many key figures
Our World Book libraries include webquests about the history of the United Kingdom since 1707, Benjamin Franklin, the American Revolution, the Civil War, World War I, the Russian Revolution of 1917, and the Great Depression.
Our World Book Discover library includes a number of short videos about World War II under world history.

The course Expansion, Independence, and Wars: World History is being developed for a classical option for 8th grade. We hope to have it available by early 2020. Please look at the Quick Links page to see when this class becomes available.
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

8th Grade

- Study the main physical features of each continent
- Learn to locate the majority of the world’s nations on a political map
- Learn the capitals of all major Asian and African nations along with Australia and New Zealand

On SchoolhouseTeachers.com

All About Maps: Unit 8: self-paced unit
All About the World: Unit 8: self-paced unit

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

7th-8th Grade

- Celebrations, food, and customs in other countries
- Closer look at how advancements in science and technology impact our daily lives
- Preserving cultural heritages in a quickly changing world

On SchoolhouseTeachers.com

Learning About World Cultures: 200+ lessons exploring all nations in the world

Ring in the New Year: short study (flexible length) for 5th-7th grade explores New Year’s celebrations and traditions in various countries.

Inventions and Discoveries: Transportation: eBook in the Unit Studies and More section

Additionally, Mock Trial is a social studies class for 7th-12th grade that contains 35 topics that can be studied independently from one another for any total course length desired or taken together as one course spanning more than 145 weeks.

Our World Book libraries include webquests on the history of computers and electronic games.

Our World Book Social Studies Power library includes lessons on culture, indigenous peoples, immigration, and civil rights. The lessons themselves are written for upper elementary students, but they include critical thinking and extension assignments that may be of interest to older students.

You may also enjoy Michelle Miller’s recommended reading lists for Patriotism and Courage.
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
Math

7th-12th Grade

There are many ways to approach high school math. Below is a table showing several different tracks a student may follow through upper math classes.

<table>
<thead>
<tr>
<th>7th Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 7</td>
<td>Math 8</td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>Math 7</td>
<td>Math 8</td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Statistics and Probability</td>
</tr>
<tr>
<td>Math 7</td>
<td>Pre-Algebra</td>
<td>Algebra 1</td>
<td>Algebra 2</td>
<td>Plane Geometry</td>
<td>Precalculus with Trig and Analytical Geometry</td>
</tr>
<tr>
<td>Fundamentals of Math</td>
<td>Pre-Algebra</td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Precalculus</td>
</tr>
<tr>
<td>Pre-Algebra</td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Precalculus or Consumer Math</td>
<td>Economics or Consumer Math</td>
</tr>
</tbody>
</table>
Math

On SchoolhouseTeachers.com

7th Grade: Pre-Algebra: 40-week course
8th Grade: Algebra 1: 36-week course
9th Grade: Algebra 2: 36-week course
10th Grade: Geometry: 36-week course
11th Grade: Trigonometry: 18-week course
11th Grade Statistics: 18-week course
12th Grade: Precalculus: 36-week course

SchoolhouseTeachers.com also has a number of 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

7th-12th Grade

There are several ways to approach high school science. Below is a table showing two different tracks a student may follow through upper-level science classes.

<table>
<thead>
<tr>
<th>7th Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Science</td>
<td>Physical Science</td>
<td>Earth Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td>Life Science</td>
<td>Earth Science</td>
<td>Physical Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
</tbody>
</table>

On SchoolhouseTeachers.com

Life Science
- **Botany**: sixteen weekly lessons
- **Animal Science**: twenty-seven weekly lessons
- **Life Science**: thirty weekly lessons (geared for 9th-10th grade, but younger students with an interest in science may enjoy the challenge)
- **Insects and Spiders**: eBook for 6th-8th grade in the Unit Studies and More section
- **Friendly Anatomy**: The Bovine Skeletal System: thirteen weekly lessons for 9th-12th grade

Earth Science
- **Geology Unit One**: Rocks and Minerals: sixteen weekly lessons
- **Earth Science**: twenty-five weekly lessons

Physical Science
- **Physical Science**: thirty-six weekly lessons

Biology
- **Biology**: thirty-one weekly lessons
- **General Biology by Core Academy**: thirty-two weekly lessons
- **Anatomy & Physiology**: thirty-six lessons
- **Marine Biology**: thirty weekly lessons
Science

7th-12th Grade

There are several ways to approach high school science. Below is a table showing two different tracks a student may follow through upper-level science classes.

<table>
<thead>
<tr>
<th>7th Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Science</td>
<td>Physical Science</td>
<td>Earth Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td>Life Science</td>
<td>Earth Science</td>
<td>Physical Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
</tbody>
</table>

On SchoolhouseTeachers.com (cont.)

Chemistry
- **Friendly Chemistry**: twelve weekly lessons
- **Advanced Chemistry**: twenty-five weekly lessons

Physics
- **High School Physics**: thirty-six weekly lessons
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