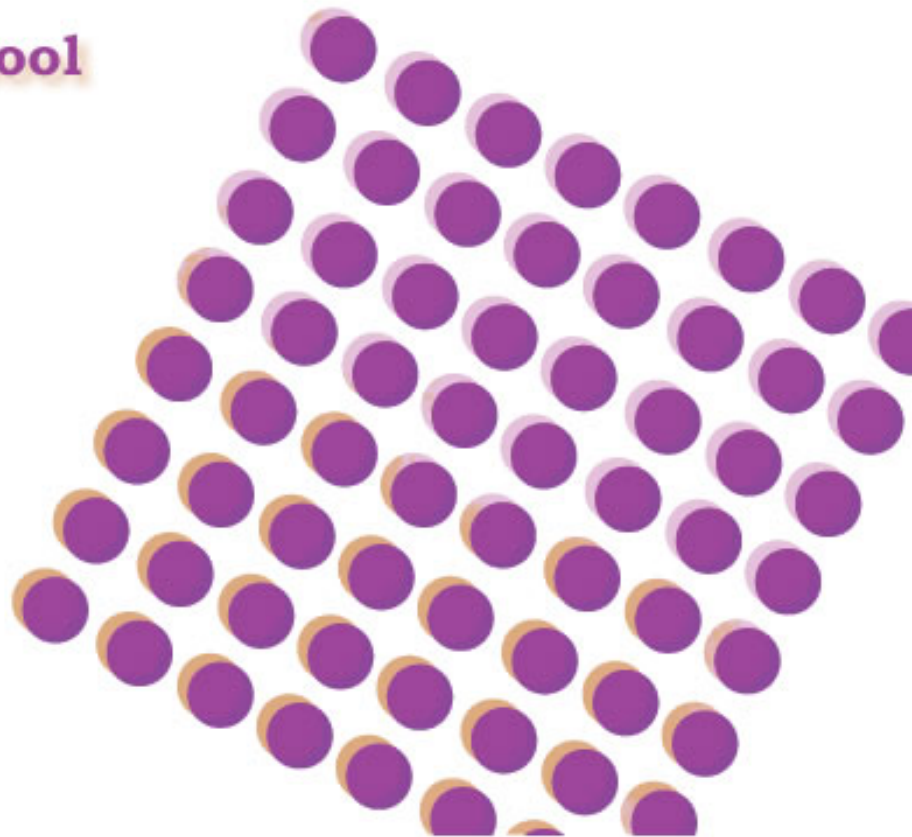




AMERICAN HIGH SCHOOL NFP - Illinois

Curriculum K - 8 School

Updated 2010 - 2011



Based on decades of education research, the new curriculum offers a rich mix of content, including online interactive lessons, beautiful textbooks, and lots of hands-on materials. This combination of online and offline content—of thinking and doing—helps engage young minds in the right ways.

Our curriculum nurtures inquisitive minds with the simple approach that Big Ideas + Consecutive Down Payments + Practice = Content Mastery. This means that every lesson builds on prior learning, and students can't move on to new material until they demonstrate "mastery" over the old. The curriculum itself is built around the notion of identifying the "big ideas" within a subject, then reinforcing that material through repetition and assessment.

Our curriculum for grades K-8 includes courses in seven subjects—language arts/English, history, math, science, music, art, and world languages. With more than 700 engaging lessons in each subject, students can dive deeply into areas of interest. With this in-depth curriculum, combined with the individualized approach, children will find the pace and learning style that works best for them.

Kindergarten Language Arts

PhonicsWorks™ prepares students to become independent readers through systematic, multisensory instruction in phonemic awareness and letter/sound knowledge, complemented by read-aloud literature that kindles the imagination while building comprehension and vocabulary.

Curriculum Items

- Beginning Phonics flash cards
- Slate chalkboard
- Printed alphabet desk strips
- Wide double-lined paper
- PhonicsWorks™ Instructional Video™
- PhonicsWorks™ Readers, Vols. 1–9
- *Handwriting Without Tears: Letters and Numbers for Me*
- *Junior Great Books, Dragon Series*, Vols. 1–3
- *Junior Great Books, Sailing Ship Series*, Vols. 1–3
- *The Random House Book of Fairy Tales*, adapted by Amy Ehrlich
- *Rhyme Time* by Tomie dePaola
- *The Rooster Crows—A Book of American Rhymes and Jingles* by Maud and Miska Petersham
- *A Chair for My Mother* by Vera Williams
- *A Story A Story* by Gail Haley
- *Blueberries for Sal* by Robert McCloskey
- *Caps for Sale* by Esphyr Slobodkina
- *Make Way for Ducklings* by Robert McCloskey
- *Mike Mulligan and His Steam Shovel* by Virginia Lee Burton
- *Millions of Cats* by Wanda Gag
- *The Complete Adventures of Peter Rabbit* by Beatrix Potter, or these separate titles: *The Tale of Peter Rabbit*, *The Tale of Benjamin Bunny*, and *The Tale of the Flopsy Bunnies*
- *The Ox-Cart Man* by Donald Hall

- *The Runaway Bunny* by Margaret Wise Brown
- *The Snowy Day* by Ezra Jack Keats
- *The Velveteen Rabbit* by Margery Williams
- *Tikki Tikki Tembo* by Arlene Mosel
- *Tom Thumb* by Richard Jesse Watson

First Grade Language Arts

The advanced PhonicsWorks™ program builds decoding skills and helps students become confident, independent readers and spellers. *Handwriting Without Tears* focuses on careful practice at a pace that matches students' development of fine motor skills.

Curriculum Items

- PhonicsWorks™ Readers, Vols. 10–20
- PhonicsWorks™ Readers, Vols. 21–30
- PhonicsWorks™ Video
- PhonicsWorks™ Basic Tile Kit
- PhonicsWorks™ Advanced Tile Kit
- PhonicsWorks™ Student Guide – Semesters 1 & 2
- PhonicsWorks™ Teacher Guide – Semesters 1 & 2
- Beginning Phonics Flash cards
- Advanced Phonics Flash cards
- *Handwriting Without Tears: My Printing Book*
- Printing Teacher's Guide
- Printed alphabet desk strips
- Wide double-lined paper
- Slate chalkboard
- EPS Primary Analogies, Book 1
- *Junior Great Books, Sun Series*, Vols. 1–3
- *Junior Great Books, Pegasus Series*, Vols. 1–3
- *Listen My Children: Poems for First Grade*
- *Classics for Young Readers*, Vol. 1
- *Ready ... Set ... Read! The Beginning Reader's Treasury*, compiled by Joanna Cole and Stephanie Calmenson
- *Weather*, a book of poems selected by Lee Bennett Hopkins
- *A Picture for Harold's Room* by Crockett Johnson
- *Amelia Bedelia* by Peggy Parish
- *And I Mean It, Stanley* by Crosby Bonsall
- *Bedtime for Frances* by Russell Hoban
- *Danny and the Dinosaur* by Syd Hoff
- *Frog and Toad Are Friends* by Arnold Lobel
- *Harry and the Lady Next Door* by Gene Zion
- *Little Bear* by Else Holmelund Minarik
- *Mrs. Piggle-Wiggle* by Betty MacDonald
- *No Fighting, No Biting* by Else Holmelund Minarik
- *Owl at Home* by Arnold Lobel
- *Sylvester and the Magic Pebble* by William Steig

- *Tales of Amanda Pig* by Jean Van Leeuwen
- *The First Thanksgiving* by Linda Hayward
- *The Legend of the Bluebonnet* by Tomie dePaola
- *Who Will Be My Friends?* by Syd Hoff
- *Winnie-the-Pooh* by A. A. Milne

Second Grade Language Arts

Students practice composition; grammar, usage, and mechanics; vocabulary; primary analogies; handwriting; public speaking; and spelling.

Guided reading lessons offer new challenges: greater length, more complex content, and new vocabulary. The emphasis is on classic literature that embodies exemplary virtues, including Aesop's fables, "The Steadfast Tin Soldier," and "The Pied Piper of Hamelin." Readings also include nonfiction works.

Curriculum Items

- Printing Teacher's Guide
- *Handwriting Without Tears: Cursive Handwriting*
- *Handwriting Without Tears: Printing Power*
- White dry-erase board
- Regular double-lined paper
- Cursive alphabet desk strips
- Printed alphabet desk strips
- EPS Primary Analogies, Book 2
- EPS Reading Comprehension, Book A
- EPS Wordly Wise 3000, Book A
- *K¹² Classics for Young Readers*, Vol. 2
- *Listen My Children: Poems for 2nd Graders* (Core Knowledge Foundation)
- *Surprises*, a book of poems selected by Lee Bennett Hopkins
- *A Weed Is a Flower* by Alike
- *Buddy: the First Seeing Eye Dog* by Eva Moore
- *Chang's Paper Pony* by Eleanor Coerr
- *Clara and the Bookwagon* by Nancy Levinson
- *Crow Boy* by Taro Yashima
- *George the Drummer Boy* by Nathaniel Benchley
- *Knights of the Round Table* ("Bullseye Step into Classics" edition) by Gwen Gross
- *Long Way to a New Land* by Joan Sandin
- *Peter Pan* ("Bullseye Step into Classics" edition) by J.M. Barrie, retold by Cathy East Dubowski
- *Robin Hood* ("Bullseye Step into Classics" edition) by Annie Ingle
- *Sam, Bang & Moonshine* by Evaline Ness
- *Sam the Minuteman* by Nathaniel Benchley
- *The Bears on Hemlock Mountain* by Alice Dalgliesh
- *The Josefina Story Quilt* by Eleanor Coerr
- *The Long Way Westward* by Joan Sandin
- *Tye May and the Magic Brush* by Molly Garrett Bang
- *Wagon Wheels* by Barbara Brenner

Third Grade Language Arts

Students practice composition; grammar, usage, and mechanics; vocabulary; primary analogies; handwriting; public speaking; and spelling.

Students develop literary analysis and comprehension skills. The emphasis is on works that embody exemplary virtues, including Greek and Norse myths, “William Tell,” and episodes from *Black Beauty*. Students read works of nonfiction, as well as four novels (selected from a long list of such classics as *Charlotte’s Web*, *Little House on the Prairie*, and *Henry Huggins*). A test preparation program prepares students for standardized tests.

Curriculum Items

- Cursive Teacher’s Guide
- White dry-erase board
- *Classics for Young Readers*, Vol. 3A
- *Classics for Young Readers*, Vol. 3B
- *The Glory of Greece* by Beth Zemble and John Holdren
- *George Washington—Soldier, Hero, President* by Justine and Ron Fontes
- *The Declaration of Independence* by Patricia Ryon Quiri
- Cursive Handwriting
- Cursive Success
- *Exercises in English*, Level C
- Primary Analogies, Book 3
- Wordly Wise 3000, Book B
- Writing in Action, Vol. A
- Writing in Action, Vol. B
- *Test Ready Plus: Reading*
- *Test Ready: Reading Longer Passages*
- *Test Ready Plus: Language Arts*, Book 3

Fourth Grade Language Arts

Students practice composition; learn about spelling, grammar, usage, and mechanics; and enrich their vocabulary skills.

Students learn to identify and analyze literary elements such as character, plot, theme, and setting. The emphasis is on classic literature and folktales from many lands. Students read works of nonfiction, as well as four novels (selected from a long list of such classics as *The Cricket in Times Square*, *My Side of the Mountain*, and *Sarah, Plain and Tall*). A test preparation program prepares students for standardized tests.

Curriculum Items

- *Classics for Young Readers*, Vol. 4A
- *Classics for Young Readers*, Vol. 4B
- *Writing in Action*, Vol. C
- *Writing in Action*, Vol. D
- *Exercises in English*, Millennium Ed. (Level D)
- *New Vocabulary Workshop Workbook* (Orange)
- *Test Ready Plus: Language Arts*, Book 4
- *Test Ready Plus: Reading*, Book 4
- *Robinson Crusoe* by Daniel Defoe (K¹² edition, retold for young readers)
- *Feathers, Flippers, and Fur*

- *If You Lived in the Days of the Knights* by Ann McGovern
- *Nature's Way*
- *Pollyanna* by Eleanor Porter (K¹² edition, abridged for young readers)
- Keyboarding CD
- Word processing book
- White dry-erase board

Fifth Grade Language Arts

Language Skills

- **Composition:** Students practice writing, from planning to proofreading, as they write a memoir, an editorial, a research paper, a business letter, and more.
- **Grammar, Usage, and Mechanics:** Students learn about parts of speech, punctuation, and research skills. They continue sentence analysis and diagramming.
- **Vocabulary:** The Vocabulary Workshop helps students enrich their vocabulary, develop word analysis skills, and prepare for standardized tests.
- **Spelling:** Students learn sound-symbol relationships and spelling patterns, identify affixes and how they affect the meaning of words, and recognize base words and roots in related words.

Literature

Students analyze, compare, and creatively respond to a variety of works. The emphasis is on classic works, including tales of Robin Hood and St. George; selections from *Don Quixote* and Shakespeare's *The Tempest* and *A Midsummer Night's Dream*; *Rip Van Winkle* and *The Legend of Sleepy Hollow*; and Sherlock Holmes mysteries. Students read works of nonfiction, as well as four novels (selected from a long list of such classics as *Pippi Longstocking*, *Call It Courage*, and *The Lion, the Witch, and the Wardrobe*).

Curriculum Items

- *Classics for Young Readers*, Vol. 5A
- *Classics for Young Readers*, Vol. 5B
- *American Lives & Legends*
- *Exercises in English*, Millennium Ed. (Level E)
- *Vocabulary Workshop* (Blue)
- *Test Ready: Language Arts*, Book 5
- *Test Ready: Reading Longer Passages*, Book 5
- *Paddle-to-the-Sea* by Holling Clancy Holling
- *American Tall Tales* by Adrien Stoutenburg
- *Bard of Avon: The Story of William Shakespeare* by Diane Stanley and Peter Vennema
- *Curious Creatures*
- *Writing in Action*, Vol. 5E
- *Writing in Action*, Vol. 5F
- *I Didn't Know That!*
- *Don Quixote* by Miguel de Cervantes (K¹² edition, retold for young readers)
- Keyboarding CD
- Word processing book
- White dry-erase board

- *City* by David Macaulay
- *Julius Caesar* (Shakespeare for Young Readers adaptation)
- Keyboarding CD
- Word processing book

Novels

This program allows students to read any three novels of their choice from a selection of award-winning works by renowned authors, from a variety of genres: fantasy, science fiction, historical fiction, realistic fiction, and mystery. (Novels are not part of the standard materials, but are readily available at the library or for purchase in bookstores or online.)

Literary Analysis and Composition

The first in a sequence of college-preparatory English courses, Literary Analysis and Composition is designed to improve students' written and oral communication skills, and to strengthen their ability to understand and analyze literature.

Readings include:

- **Novels:** Students choose four out of seven offered titles, including: *Jane Eyre* by Charlotte Brontë, *Great Expectations* by Charles Dickens, *Animal Farm* by George Orwell, and *To Kill a Mockingbird* by Harper Lee
- **Drama:** *Romeo and Juliet* by William Shakespeare, *Antigone* by Sophocles
- **Short stories** by Langston Hughes, Shirley Jackson, Jack London, Guy de Maupassant, Edgar Allan Poe, James Thurber, and more
- **Poetry** by W. H. Auden, Gwendolyn Brooks, e. e. Cummings, Emily Dickinson, Robert Frost, Gerard Manley Hopkins, James Weldon Johnson, John Keats, Henry Wadsworth Longfellow, Pablo Neruda, Octavio Paz, William Shakespeare, Dylan Thomas, William Butler Yeats, and more
- **Autobiography:** Selections by Mark Twain, Ernesto Galarza, and Maya Angelou; *Narrative of the Life of Frederick Douglass* or *Anne Frank: Diary of a Young Girl*

Curriculum Items

- *Classics for Young Readers*, Vol. 8
- *Classics for Young Readers*, Vol. 8: An Audio Companion
- *BK English Language Handbook*, Level 1, Barrett Kendall Publishing
- *Vocabulary from Classical Roots*, Book C, Educators' Publishing Service
- *Narrative of the Life of Frederick Douglass* by Frederick Douglass
- *Anne Frank: Diary of a Young Girl* by Anne Frank
- *Romeo and Juliet* (new version)

Kindergarten Math

Students learn to recognize and describe simple patterns, and recognize shapes and sizes of figures and objects. Students will also expand their ability to recognize numbers, identify their relative values, and understand how to use them in a variety of ways.

Standard Curriculum Items

- Math Textbook, Grade K
- Math counting chips
- Multilink cubes
- Game spinner
- Math pattern blocks
- Math attribute blocks
- Geometric 3-D shapes

First Grade Math

First Grade Math provides experiences to help students develop a formal understanding of numbers and mathematical concepts. Physical models still play a fundamental role in linking the real world to symbolic expressions. Students will continue the development of sorting and patterning skills; learn basic addition and corresponding subtraction facts; recognize and describe two-dimensional shapes; and build upon existing problem-solving skills.

Standard Curriculum Items

- Math Textbook, Grade 1
- Counting chips
- Multilink connecting cubes
- Game spinner
- Base 10 cubes
- Base 10 rods
- Geometric 3-D shapes

Second Grade Math

Students develop an understanding of mathematical operations, and use their understanding to solve problems and apply mathematical concepts to the world around them. Students will continue to deepen their understanding of number sense, place value, computation, estimation, measurement, and geometry.

Standard Curriculum Items

- Math Textbook, Grade 2
- Counting chips
- Multilink connecting cubes
- Game spinner
- Base 10 cubes
- Base 10 rods
- Geometric 3-D shapes

Third Grade Math

Third Grade Math students continue to develop computational skills in addition, subtraction, multiplication, and division, and solve problems involving more complex mathematical concepts. Students will continue using a variety of methods to solve problems, and begin their study of probability as chance.

Standard Curriculum Items

- Math Textbook, Grade 3
- Base 10 blocks, deluxe set

Fourth Grade Math

Fourth Grade Math students sharpen their computational and problem-solving skills while applying mathematical concepts to real-world problems. Students will:

- Continue to develop computational skills using larger numbers up to millions
- Estimate sums and differences before finding exact solutions
- Achieve rapid fluency with basic number facts
- Through a proprietary, research-based series of lessons, develop strategies for solving word problems that progress from simple addition problems to problems with complex data
- Use geometry to determine perimeter, volume, and area in both English and metric units
- Develop research-based intuitive understanding of fractions together with practical computational skills
- Expand understanding of probability and its link to fractions

Standard Curriculum Items

- Math Textbook, Grade 4
- Base 10 blocks, deluxe set

Fifth Grade Math

Fifth Grade Math students explore complex mathematical operations and apply concepts to real-world problems.

Students will:

- Understand and practice basic arithmetic operations: addition, subtraction, multiplication, and division
- Reinforce basic number fact fluency
- Understand and use Roman numerals
- Expand understanding of and facility with basic arithmetic operations applied to fractions
- Explore and connect the concepts of ratio, proportion, and percent to fractions
- Through a proprietary, research-based series of lessons, develop abilities to analyze and solve word problems involving basic arithmetic operations and various number systems (fractions, decimals, ratios, and percents)
- Relate English and metric units of measure to length, capacity, weight, and temperature
- Expand understanding of statistics, probability, and graphical representations of data

Standard Curriculum Item

- Math Textbook, Grade 5

Pre-Algebra A

In the first half of the K¹² Pre-Algebra sequence, students sharpen their computational and problem-solving skills while learning the language of Algebra. Students will:

- Change word phrases and sentences into mathematical expressions and equations
- Solve equations and inequalities
- Continue to develop computational skills using fractions and decimals
- Study circles, polygons, and space figures
- Add, subtract, multiply, and divide positive and negative integers
- Solve problems involving percents, ratios, and proportions
- Draw graphs and compute statistics to communicate about data
- Compute the probability of an event and combined events
- Communicate strategies for solving word problems

Standard Curriculum Item

- Pre-Algebra A Textbook

Pre-Algebra B

In the second half of the K¹² Pre-Algebra sequence, students continue to build their Algebra skills. Students will:

- Compute basic trigonometric ratios
- Change word phrases and sentences into mathematical expressions and equations
- Add, subtract, multiply, and divide positive and negative rational numbers in decimal and fraction form
- Use several transformations to solve equations and inequalities
- Study points, lines, planes, polygons, and circles
- Solve problems involving percents, ratios, and proportions
- Graph equations, inequalities, and systems of equations

- Calculate areas of plane figures
- Calculate volumes and surface areas of space figures
- Apply the Pythagorean theorem to solve triangles and compute basic trigonometric ratios
- Calculate statistical measures and expected value
- Compute the probability of overlapping, independent, and dependent events
- Add, subtract, multiply, and divide polynomials and monomials
- Communicate strategies for solving word problems

Standard Curriculum Items

- Pre-Algebra B Textbook

Algebra 1

The K¹² Algebra 1 program develops algebraic fluency by providing students with the skills needed to solve equations and perform important manipulations with numbers, variables, equations, and inequalities. Students also learn concepts central to the abstraction and generalization that algebra makes possible. Students who take Algebra 1 are expected to have mastered the skills and concepts presented in the K¹² Pre-Algebra B course (or the equivalent).

Standard Curriculum Items

- Algebra 1 Textbook

Kindergarten Science

Kindergarten students begin to develop observation skills as they learn about the five senses, the Earth's composition, and the basic needs of plants and animals.

Curriculum Items

- Plastic pipette
- Safety glasses
- Basic thermometer
- Bar magnets (pair)
- Magnifying glass
- Mirror
- Inflatable globe
- *Animals in Winter* by Henrietta Bancroft and Richard G. Van Gelder
- *My Five Senses* by Alikei
- *The Big Dipper* by Franklyn Branley
- *What's Alive?* by Kathleen Weidner Zoehfeld

First Grade Science

Students learn to perform experiments, record observations, and understand how scientists see the natural world. They germinate seeds to observe plant growth and make a weather vane.

Curriculum Items

- Bean seeds
- Grass seeds
- Directional compass
- Graduated cylinder, 100 mL

- Basic thermometer
- Plastic pipette
- Safety goggles
- Magnifying glass
- Bar magnets (pair)
- Mirror
- Feathers
- Centimeter gram cubes
- Primary balance
- Iron filings
- Styrofoam ball (2" diameter)
- Mylar paper, silver
- Inflatable globe
- *An Octopus Is Amazing* by Patricia Lauber
- *Down Comes the Rain* by Franklyn Branley
- *Flash, Crash, Rumble, and Roll* by Franklyn Branley
- *What Color Is Camouflage?* by Carolyn Otto
- *What Is the World Made Of?* by Kathleen Weidner Zoehfeld

Second Grade Science

Students perform experiments to develop skills of observation and analysis, and learn how scientists understand our world. They demonstrate how pulleys lift heavy objects, make a temporary magnet and test its strength, and analyze the parts of a flower.

Curriculum Items

- Bean seeds
- Grass seeds
- Directional compass
- Graduated cylinder, 100 mL
- Primary rock and mineral kit
- Basic thermometer
- Plastic pipette
- Safety goggles
- Magnifying glass
- Centimeter gram cubes
- Primary balance
- Iron filings
- Bar magnets
- Latch magnet
- Ring magnet
- Horseshoe magnet
- 10 Newton spring scale
- Pulley
- Unmarked thermometer
- *Fossils Tell of Long Ago* by Alikei
- *Let's Go Rock Collecting* by Roma Gans
- *What Happens to a Hamburger?* by Paul Showers
- *What Makes a Magnet?* by Franklyn Branley
- *Why Frogs Are Wet* by Judy Hawes

Third Grade Science

Students learn to observe and analyze through hands-on experiments, and gain further insight into how scientists understand our world. They observe and chart the phases of the moon, determine the properties of insulators and conductors, and make a three-dimensional model of a bone.

Curriculum Items

- *A Walk in the Boreal Forest: Biomes of North America Series*
- *A Walk in the Desert: Biomes of North America Series*
- *A Walk in the Rainforest: Biomes of North America Series*
- *A Walk in the Tundra: Biomes of North America Series*
- *A Walk in the Deciduous Forest: Biomes of North America Series*
- *A Walk in the Prairie: Biomes of North America Series*
- *Sunshine Makes the Seasons* by Franklyn M. Branley
- *The Moon Seems to Change* by Franklyn M. Branley
- Graduated cylinder, 100 mL
- Directional compass
- Safety goggles
- Magnifying glass
- Advanced thermometer
- Clay (four colors)
- Modeling clay
- Directional compass

Fourth Grade Science

Students develop scientific reasoning and perform hands-on experiments in earth, life, and physical sciences. They construct an electromagnet, identify minerals according to their properties, use chromatography to separate liquids, and assemble food webs.

Curriculum Items

- Bar magnets (pair)
- Safety goggles
- Graduated cylinder, 100 mL
- Lamp bulb receptacles
- Lamp bulbs
- Magnifying glass
- Intermediate rock and mineral kit
- Advanced thermometer
- Invertebrates
- *The History of Life Through Fossils* (Lickle Publishing)
- Clay (four colors)
- Bare copper wire
- Gravel
- Adding machine paper
- Pipe cleaners
- Sand
- Seashell
- White tile
- Plastic aquarium tubing

Fifth Grade Science

Students perform experiments, develop scientific reasoning, and recognize science in the world around them. They build a model of a watershed, test how cell membranes function, track a hurricane, and analyze the effects of gravity.

Curriculum Items

- Alum
- Test tube
- Safety goggles
- Graduated cylinder, 100 mL
- Litmus paper
- 30 Newton spring scale
- Advanced thermometer
- *How Bodies Work*
- *Classifying Life*
- Marble in bag
- Clay (four colors)
- Potting soil
- Coarse gravel
- Pea gravel
- Coarse sand
- Fine sand
- Plastic box
- Tagboard

Earth Science

The Earth Science curriculum builds on the natural curiosity of students. By connecting them to the beauty of geological history, the amazing landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe, the curriculum gives students an opportunity to relate to their everyday world.

Curriculum Items

- Wall map set (science/history)
- Graduated cylinder, 100 mL
- Graduated cylinder, 500 mL
- Pipe cleaners
- Advanced rock and mineral kit
- Diffraction grating film
- Stopwatch
- Grape seeds
- Latch magnet
- Safety glasses
- Magnifying glass
- Centimeter gram cubes
- Clay (four colors)
- Fine sand
- White tile
- Advanced thermometer

Advanced Earth Science

Advanced Earth Science is a rigorous middle school course. It was conceived for the student who loves geology or meteorology and is ready for an extra challenge. Students tackle such topics as rocks and minerals, plate tectonics and the drifting of continents, volcanoes, earthquakes, oceanography, weather, and astronomy. Practical, hands-on lesson activities help students discover how scientists investigate the living world. Students perform laboratory activities and a full unit investigation to learn about the application of scientific methods.

Standard Curriculum Items

- Wall map set (science/history)
- Graduated cylinder, 250 mL
- Pipe cleaners
- Advanced rock and mineral kit
- Diffraction grating film
- Stopwatch
- Latch magnet
- Safety glasses
- Magnifying glass
- Centimeter gram cubes
- Clay (four colors)
- Fine sand
- White tile
- Advanced thermometer

Life Science

The K¹² Life Science program invites students to investigate the world of living things—at levels both large and small—by reading, observing, and experimenting with aspects of life on Earth. Students explore an amazing variety of organisms, the complex workings of the cell, the relationship between living things and their environments, and discoveries in the world of modern genetics. Practical, hands-on lesson activities help students discover how scientists investigate the living world. Students perform laboratory activities and a full unit investigation to learn about the application of scientific methods.

Standard Curriculum Items

- Graduated cylinder 100 mL
- Compound microscope
- Radish seeds
- Microscope slides (set of 12)
- Slide cover slips (set of 12)
- Transparencies (set of 12)
- Petri dishes
- Agar vials
- Rhizobium bacteria
- Green bean bush seeds
- Blue Fescue grass seeds
- Safety glasses
- Magnifying glass
- Advanced thermometer

Advanced Life Science

Advanced Life Science is a rigorous middle school course, conceived for the student who loves biology and is ready for an extra challenge. Students tackle such topics as ecology, microorganisms, animals, plants, cells, and genetics. They are also introduced to gene expression and other aspects of cell biology. Practical, hands-on lesson activities help students discover how scientists investigate the living world. Students perform laboratory activities and a full unit investigation to learn about the application of scientific methods.

Standard Curriculum Items

- Graduated cylinder (100 mL)
- Compound microscope
- Radish seeds
- Microscope slides (set of 12)
- Slide cover slips (set of 12)
- Transparencies (set of 12)
- Petri dishes
- Agar vials
- Rhizobium bacteria
- Green bean bush seeds
- Blue Fescue grass seeds
- Safety glasses
- Magnifying glass
- Advanced thermometer

NOTE: List subject to change.

Physical Science

The K¹² Physical Science program introduces students to many aspects of the physical world, focusing first on chemistry and then on physics. The course provides an overview of the physical world and gives students tools and concepts to think clearly about atoms, molecules, chemical reactions, motion, electricity, light, and other aspects of chemistry and physics.

Standard Curriculum Items

- Graduated cylinder, 250 mL
- Stopwatch
- 10 Newton spring scale
- Digital scale
- Double pulley
- Lye
- Metallic rod
- Metallic spring
- Muriatic acid
- Phenolphthalein
- Protective gloves (two pair)
- D cell battery holder
- Cork stoppers
- Lead weight (500 g)
- Enamel-coated, heavy-gauge copper wire
- Non-insulated copper wire
- Insulated copper wire strips (set of five)

Advanced Physical Science

Advanced Physical Science is a rigorous middle school course, conceived for the enthusiastic science student who is ready for an extra challenge. Students learn about the physical world and tackle topics such as matter, energy, atoms, motion, thermodynamics, and other aspects of chemistry and physics. Practical, hands-on lesson activities help students discover how scientists investigate the living world. Students perform laboratory activities and a full unit investigation to learn about the application of scientific methods.

Standard Curriculum Items

- Graduated cylinder, 250 mL
- Stopwatch
- 10 Newton spring scale
- Digital scale
- Double pulley
- Lye
- Metallic rod
- Metallic spring
- Muriatic acid
- Phenolphthalein
- Protective gloves (two pair)
- D cell battery holder
- Cork stoppers
- Lead weight (500 g)
- Enamel coated heavy gage copper wire
- Non-insulated copper wire
- Insulated copper wire strips (set of five)
- Directional compass
- Bar magnet (pair)
- Plastic pipette
- Safety glasses
- Iron filings
- Safety glasses
- Iron filings
- Lamp bulbs (set of four)
- Lamp bulb receptacle (set of two)
- Advanced thermometer

NOTE: List subject to change.

Kindergarten History

This beginning course teaches the basics of world geography through a storybook tour of the seven continents, and provides an introduction to American history and civics through a series of biographies of famous Americans.

Curriculum Items

- U.S./world map (K-2)
- Inflatable globe (K-2)
- *Let's Journey: Around the World* CD
- *Bringing the Rain to Kapiti Plain* by Verna Aardema
- *Follow the Drinking Gourd* by Jeannette Winter

- *Madeline* by Ludwig Bemelmans
- *Possum Magic* by Mem Fox
- *Rechenka's Eggs* by Patricia Polacco
- *The Great Kapok Tree* by Lynne Cherry
- *The Story of Ferdinand* by Munro Leaf and Robert Lawson
- *The Story About Ping* by Marjorie Flack and Kurt Wiese
- *When Clay Sings* by Byrd Baylor

First Grade History

First Grade History kicks off a program that, spanning the elementary grades, provides an overview of world geography and history, from the Stone Age to the Space Age.

Standard Curriculum Items

- U.S./world map (K–2)
- Inflatable globe (K–2)
- CD: *Tales From The Old Testament* by Jim Weiss
- CD: *Greek Myths* by Jim Weiss
- *Mummies* by Joyce Milton
- *The Egyptian Cinderella* by Shirley Climo
- *Tut's Mummy: Lost and Found* by Judy Donnelly
- *The Trojan Horse* by Emily Little

Second Grade History

Continuing a program that, spanning the elementary grades, explores world geography and history from the Stone Age to the Space Age, this course focuses on the time from ancient Rome to the later Middle Ages.

Curriculum Items

- U.S./world map (K–2)
- Inflatable globe (K–2)
- *Knights in Shining Armor* by Gail Gibbons
- *Pompeii ... Buried Alive* by Edith Kunhardt
- *Saint Valentine* by Robert Sabuda
- *The Hundredth Name* by Shulamith Levey Oppenheim
- *Saint George and the Dragon* by Margaret Hodges
- *Sundiata: Lion King of Mali* by David Wisniewski

Third Grade History

Part of a program that, spanning the elementary grades, explores world geography and history from the Stone Age to the Space Age, this course focuses on the period from the Renaissance through to the American Revolution.

Curriculum Items

- *Michelangelo* by Mike Venezia
- *America 1492* ("Kids Discover" Magazine)
- *The Revolutionary War* by Brendan January (Children's Press, 2000)
- *Understanding Geography Level 3— Map Skills and Our World* (maps.com, 2006)
- Inflatable globe (3–6)
- U.S./world map (3–5)

Fourth Grade History

Concluding a program that, spanning the elementary grades, explores world geography and history from the Stone Age to the Space Age, this course focuses on the period from the Scientific Revolution to modern times.

Curriculum Items

- *Understanding Geography Level 4—Map Skills and Our World* (maps.com, 2006)
- Inflatable globe (3–6)
- U.S./world map (3–5)
- *Charles Dickens: The Man Who Had Great Expectations* by Diane Stanley and Peter Vennema
- *Inventors: A Library of Congress Book* by Martin Sandler
- *The U.S. Constitution and You* by Syl Sobel

American History Before 1865

The first half of a detailed two-year survey of the history of the United States, this course takes students from the arrival of the first people in North America through the Civil War. Lessons integrate topics in geography, civics, and economics. Building on the award-winning series from Oxford University Press, *A History of the United States*, American History Before 1865 will guide students through critical episodes in the story of America.

Curriculum Items

- Inflatable globe (3–6)
- U.S./world map (3–5)
- *Understanding Geography Level 5—Map Skills and Our World* (maps.com, 2006)
- *The First Americans* by Joy Hakim
- *Making Thirteen Colonies* by Joy Hakim
- *From Colonies to Country*, Vol. 3 by Joy Hakim
- *The New Nation*, Vol. 4 by Joy Hakim
- *Liberty for All*, Vol. 5 by Joy Hakim
- *War, Terrible War*, Vol. 6 by Joy Hakim

American History Since 1865

The second half of a detailed two-year survey of the history of the United States, this course takes students from the end of the Civil War to the dawn of the 21st century. Lessons integrate topics in geography, civics, and economics. Students should have completed K¹² American History Before 1865 or have demonstrated familiarity with American history through Civil War times. Building on the award-winning series from Oxford University Press, *A History of the United States*, American History Since 1865 will guide students through critical episodes in the story of post-Civil War America.

Curriculum Items

- Wall map set
- *Reconstruction and Reform* by Joy Hakim
- *An Age of Extremes*, Vol. 8 by Joy Hakim
- *War, Peace, and All That Jazz*, Vol. 9 by Joy Hakim
- *All the People*, Vol. 10 by Joy Hakim
- Inflatable globe (3–6)

Intermediate World History A: From Prehistory Through the Middle Ages

In this first part of a survey of world history from prehistoric to modern times, K¹² online lessons and assessments complement *The Human Odyssey*, a textbook series developed and published by K¹². This course focuses on the development of civilization across a 12,000-year span: from the Ice Age to the Middle Ages; from cave paintings to stained glass windows; from crude huts to Gothic cathedrals.

Curriculum Item

- *The Human Odyssey, Volume 1: Prehistory Through the Middle Ages*

Intermediate World History B: Our Modern World, 1400 to 1914

Continuing a survey of world history from prehistoric to modern times, K¹² online lessons and assessments complement the second volume of *The Human Odyssey*, a textbook series developed and published by K¹². This course focuses on the story of the past, from the 14th century to 1914 and the beginning of World War I. The course is organized chronologically and, within broad eras, regionally. Lessons explore developments in religion, philosophy, the arts, and science and technology. The course introduces geography concepts and skills as they appear in the context of the historical narrative.

Curriculum Item

- *The Human Odyssey, Volume 2: Our Modern World, 1400 to 1914*

Kindergarten Art

Students are introduced to the elements of art—line, shape, color, and more. They learn about portraits and landscapes, and realistic and abstract art.

Curriculum Items

- *Come Look with Me: Enjoying Art with Children* by Gladys S. Blizzard
- *Come Look with Me: Animals in Art* by Gladys S. Blizzard
- Art Print Kit, Kindergarten
- Paintbrush, tempera, flat bristle 1"
- Paintbrush, tempera, medium #4
- Paintbrush, tempera, large #8
- Modeling clay, assorted colors
- Tempera paint set
- Oil pastels

First Grade Art

Following the timeline of K¹² History, First Grade Art lessons include an introduction to the art and architecture of different cultures, such as Mesopotamia and ancient Egypt, Greece, and China.

Curriculum Items

- *Come Look with Me: Exploring Landscape Art with Children* by Gladys S. Blizzard
- *Come Look with Me: World of Play* by Gladys S. Blizzard
- Art Print Kit, Grade 1
- Paintbrush, tempera, flat bristle 1"
- Paintbrush, tempera, medium #4
- Paintbrush, tempera, large #8
- Modeling clay, assorted colors
- Tempera paint set
- Oil pastels

Second Grade Art

Second Grade Art lessons include an introduction to the art and architecture of ancient Rome, medieval Europe, Islam, Mexico, Africa, China, and Japan.

Curriculum Items

- *How Artists See Play* by Colleen Carroll
- *How Artists See Animals* by Colleen Carroll
- Art Print Kit, Grade 2
- Paintbrush, tempera, flat bristle 1"
- Paintbrush, tempera, medium #4
- Paintbrush, tempera, large #8
- Modeling clay, assorted colors
- Tempera paint set
- Oil pastels

Third Grade Art

Following the timeline of K¹² History, Third Grade Art lessons include an introduction to the art and architecture of the Renaissance throughout Europe, including Italy, Russia, and northern Europe. Students also investigate artworks from Asia, Africa, and the Americas created during the same time period.

Curriculum Items

- *How Artists See Families* by Colleen Carroll
- *How Artists See Work* by Colleen Carroll
- Art Print Kit, Grade 3
- Paintbrush, tempera, flat bristle 1"
- Paintbrush, tempera, small #1
- Paintbrush, tempera, medium #4
- Paintbrush, tempera, large #8
- Modeling clay, assorted colors
- Tempera paint set
- Oil pastels

Fourth Grade Art

Lessons include an introduction to the artists, cultures, and great works of art and architecture from the French and American revolutions through modern times.

Curriculum Items

- *Come Look at Me: The Artist at Work* by R. Sarah Richardson
- *Come Look at Me: Exploring Modern Art* by Jessica Noelani Wright
- Art Print Kit, Grade 4
- Paintbrush, tempera, flat bristle 1"
- Paintbrush, tempera, small #1
- Paintbrush, tempera, medium #4
- Paintbrush, tempera, large #8
- Tempera paint set
- Burlap

Intermediate Art: American A

Intermediate Art: American A includes an introduction to the artists, cultures, and great works of art and architecture of North America, from pre-Columbian times through 1877.

Curriculum Items

- *Come Look With Me: Art in Early America* by Randy Osofsky
- *Come Look With Me: Exploring American Indian Art* by Stephanie Salomon
- Art Print Kit, Intermediate Art: American A
- Paintbrush, tempera, small #1
- Paintbrush, tempera, medium #4
- Paintbrush, tempera, large #8
- White self-hardening clay
- Tempera paint set
- Acrylic paint set
- Burlap
- Oil pastels

Intermediate Art: American B

Intermediate Art: American B is designed to complement K¹² American History Since 1865. Following the same historical timeline, lessons include an introduction to the artists, cultures, and great works of American art and architecture from the end of the Civil War through modern times.

Curriculum Items

- Art Print Kit, Intermediate Art: American B
- Paintbrush, acrylic, small #1
- Paintbrush, acrylic, medium #4
- Paintbrush, acrylic, large #8
- Paintbrush, acrylic, Flat Bristle 1/2"
- Pastalina clay (10 colors)
- Acrylic paint set
- Oil pastels

Intermediate Art: World A

Intermediate Art: World A is designed to complement Intermediate World History A: From Prehistory Through the Middle Ages. Following the same historical timeline, lessons include an introduction to the artists, cultures, and great works of world art and architecture from ancient through medieval times.

Curriculum Items

- Art Print Kit, Intermediate Art: World A
- Paintbrush, acrylic, small #1
- Paintbrush, acrylic, medium #4
- Paintbrush, acrylic, large #8
- White self-hardening clay
- Acrylic paint set

Intermediate Art: World B

K¹² Intermediate Art: World B is designed to complement World History: Our Modern World, 1400 to 1917. Following the same historical timeline, lessons include an introduction to the artists, cultures, and great works of world art and architecture from the Renaissance through modern times.

Curriculum Item

- Art Print Kit, Intermediate Art: World B

Preparatory Music

Kindergarten students learn about music through lively activities, including listening, singing, and moving. Through games and folk songs from diverse cultures, students learn musical concepts such as high and low, or loud and soft. Creative movement activities help students enjoy the music of composers such as Grieg and Haydn.

Curriculum Items

- *Let's Learn Music* video, Volume K
- *Let's Listen* CD, Volume K
- *Let's Sing* CD, Volume K
- *Let's Sing* songbook, Volume K
- Tambourine
- Slide whistle

Beginning 1 Music

Beginning 1 Music is for first grade students, as well as students of second grade age who are new to K¹². In this course, traditional games and folk songs from many cultures help students begin to read and write simple melodic and rhythmic patterns. Students are introduced to the instruments of the orchestra through Prokofiev's classic *Peter and the Wolf*. They explore how music tells stories in *The Sorcerer's Apprentice* and are introduced to opera through a lively unit on Mozart's *Magic Flute*.

Curriculum Items

- *Let's Learn Music* video, Volume 1
- *The Magic Flute* CD
- *Let's Listen* CD, Volume 1
- *Let's Sing* CD, Volume 1
- *Let's Sing* songbook, Volume 1
- *Let's Learn Rhythm* CD-ROM
- Tambourine
- Slide whistle

Beginning 2 Music

Beginning 2 Music is for students who have completed the K¹² Beginning 1 Music program. Through traditional folk songs and games, students learn to read more complicated melodic patterns and rhythms. As students listen to works by great composers, such as Vivaldi and Saint-Saëns, they learn to recognize these patterns in the music.

Curriculum Items

Let's Learn Music video, Volume 2
Let's Listen CD, Volume 2
Let's Sing CD, Volume 2
Let's Sing songbook, Volume 2

Introduction to Music

Introduction to Music is for students in grades 3–5 who are new to K¹² and just beginning their study of music. Using traditional folk songs, students learn most of the skills covered in the K¹² Beginning 1 and 2 Music courses. They learn to recognize and write melodic and rhythmic patterns with four elements, and they practice recognizing these patterns in the music of great composers, such as Beethoven and Brahms. Students become familiar with instruments of the orchestra as they listen to music composed by Vivaldi, Saint-Saëns, Holst, and others.

Curriculum Items

- *Let's Learn Music* video, Volume 2
- *Let's Sing* CD, Volume 2
- *Let's Sing* songbook, Volume 2
- *Let's Listen* CD, Volume 2
- *Let's Learn Rhythm* CD-ROM
- Tambourine
- Slide whistle

Intermediate 1 Music

Intermediate 1 Music is intended for students of third grade age or older who have completed prerequisite courses—the K¹² Beginning 1 and 2, or Introduction to Music classes. Through traditional folk songs and games, students learn to read and write a variety of musical patterns. They learn to play simple melodies and rhythms on the recorder. They become more familiar with the orchestra, especially the woodwind and brass families, and learn about the lives and works of Bach, Handel, Haydn, Mozart, and Beethoven.

Curriculum Items

- *Let's Learn the Recorder* video
- *Let's Sing* CD, Volume 3
- *Let's Listen* CD, Volume 3
- *Let's Sing* songbook, Volume 3
- Recorder

Intermediate 2 Music

Intermediate 2 Music begins by introducing notes that are lower or higher than the familiar lines and spaces of the staff. Students expand their knowledge of rhythm and learn about the Romantic period in music. Students also study harmony and practice recognizing pentatonic patterns. Finally, they take a musical trip through Europe, Africa, the Middle East, the Caribbean, Japan, and China.

Curriculum Items

- *Let's Sing* CD, Volume 4
- *Let's Sing* songbook, Volume 4
- *Let's Listen* CD, Volume 4

Intermediate 3 Music

Intermediate 3 Music introduces students to all the notes of the major scale, from low *So* all the way up to high *Do*. Students also learn to recognize and sing the natural minor scale. They expand their knowledge of rhythm with simple syncopated patterns. This semester introduces the Modern period in music, with listening activities to help students recognize Modern music and identify pieces by individual composers. Near the end of the year, students explore American folk music as they follow the expansion of the country westward. Finally, they learn to recognize the major forms of classical music: three-part song form, theme and variations, rondo, sonata allegro, and fugue.

Curriculum Item

Let's Listen CD, Volume 5

Exploring Music

Exploring Music is for students of fifth grade age who are new to the K¹² Music program. This course presents the basics of traditional music appreciation through singing and the study of music in history and culture. Students begin by studying some of the most important classical composers, and then study traditional music from around the country and around the world. Finally, they learn how to follow the form of a piece of music.

Curriculum Items

Let's Listen and Learn, CDs A and B
Let's Sing for Fun CD
Let's Sing for Fun songbook

Music Appreciation

Music Appreciation covers the fundamentals of music (such as rhythm, beat, melody, harmony, form, and expression), and a survey of music history beginning with early music of the Greeks and the Middle Ages. The course concludes with Modern music of composers such as Copland and Prokofiev.

Curriculum Item

- *Music Appreciation* six-CD set

Unit Titles

- The Elements of Music
- Music and Emotion
- Musical Style
- Musical Instruments of the World
- Music Through History

***Please note:** The course is offline, and there are no online lessons. The Teacher and Student Guides are not available in a pre-printed format and will need to be printed from the K¹² Online School (OLS).

Music Concepts A

This traditional music course teaches the fundamentals of music as they relate to the piano key and a study of a select group of composers and their music. Students complete lessons using a *Music Ace* CD-ROM, Student Guides, and listening CDs. Lesson content is not online.

Curriculum Items

- *Music Ace* CD-ROM, Grade 6
- *Beethoven* CD
- *Mendelssohn* CD
- *Mozart* CD
- *Vivaldi & Corelli* CD

Unit Titles

- The Staff and the Keyboard
- Extending the Staff
- Flats, Sharps, and Scales

***Please note:** The Student Guides are not available in a pre-printed format and will need to be printed from the K¹² Online School (OLS). Teacher Guides are not available in any format. Parents may use the Student Guide to view student lesson information.

Music Concepts B

Music Concepts B is the second course in the Music Concepts Series. This is a traditional music course that teaches the fundamentals of music as they relate to the piano key, and studies of a select group of composers and their music. Students complete lessons using the *Music Ace* CD-ROM, Student Guides, and listening CDs. Lesson content is not online.

Curriculum Items

- *Sousa* CD
- *Music Ace* CD-ROM, Grade 7
- *Chopin* CD
- *Schumann & Grieg* CD
- *Verdi* CD

Unit Titles

- The Elements of Rhythm and Melody
- Rhythms, Rests, and Keys
- Minor Scales, Syncopation, and Harmony

***Please note:** The Student Guides are not available in a pre-printed format and will need to be printed from the K¹² Online School (OLS). Teacher Guides are not available in any format. Parents may use the Student Guide to view student lesson information.

World Languages

Spanish Elementary Year 1

This course for beginners with little exposure to foreign languages is geared for younger minds, still especially receptive to language learning through contextual interpretation and imitation. Highly visual and amusing stories and activities are geared for these developing students, encouraging them to begin telling stories themselves. This course is not just a set of language lessons, but an appealing adventure for young minds.

Communication expressions include greetings, introductions, songs, *por favor* and *gracias*, and other expressions of daily courtesy, simple storytelling, and free-response questions. Vocabulary starts with numbers 1-10, animals, and shapes, and moves into days of the week, seasons, colors, fruits and vegetables, simple directions, and useful “around town” expressions. Grammar moves from simple sentence construction, first- and third-person verbs, and indefinite articles to demonstrative pronouns, simple conjunctions, simple possession, and *ser* and *estar*. Students also begin to encounter the third-person past tense, imperative verbs, and second-person present-tense verbs.

Cultural topics introduce the geography and customs of Spanish-speaking countries.

Curriculum Items

- None

Spanish Elementary Year 2

The adventure story continues to build upon the base of vocabulary and linguistic structures introduced in Spanish Elementary Year 1. Interactive activities and increasingly challenging games continue to drive students toward a strong set of intermediate language skills.

Communication expressions include social exchanges, more complex storytelling, songs, recipes, word puzzles, and interrogative words. Vocabulary includes advanced family- and animal-related words and a review of numbers. Poems, stories, and ditties are used throughout. Grammar moves from negative and reflexive verbs and third-person plural present verbs to noun-adjective agreement, first-person past-tense verbs, and the plural imperative.

Cultural topics include cuisine, climate, geography, and history.

Curriculum Items

- None

Spanish Elementary Year 3

Students who have completed Spanish Elementary Year 2 or the equivalent reach advanced levels of fluency in this course. More advanced grammar and vocabulary target correct and authentic accents and comprehension of real-world native speech, while still maintaining the adventure-based sense of fun students have come to know. Challenging games and a wider variety of compelling stories ready students for the move to upper levels of language learning.

Communication expressions include advanced greetings, expressions related to birthdays, storytelling in Spanish, songs, and word puzzles. Vocabulary covers days of the week, food, house-related words, times of day, time-related expressions, simple medical terminology, countryside-related words, and simple geography. Grammar includes second-person plural present-

tense verbs, infinitive verbs, dependent clauses, adjectives, conjunctions, reflexive verbs, expressions of possession, past perfect-tense verbs, third-person future-tense verbs, and prepositional phrases.

Cultural topics include cuisine, climate, certain dialect forms of Spanish, customs, sports, transportation, geography, and history.

Curriculum Items

- None

Spanish Middle School Year 1

This course for early- to mid-teen beginners in Spanish* turns adventures and activities into rigorous lessons in grammar and vocabulary. Listening comprehension, oral production, reading, writing, and cultural awareness are all emphasized in accordance with standards formulated by ACTFL (American Council on the Teaching of Foreign Languages).

Communication topics include greetings, introductions, relationships, cause and effect, likes and dislikes, and questions. Vocabulary includes common daily adjectives, animals, body parts, family and household words, colors, food, and numbers 1 to 900. Grammar progresses from simple original sentence construction, verb infinitives, and base forms to irregular verbs, Latin-derived cognates, concrete objects and associated verbs, adjectival agreement, and demonstrative pronouns.

Cultural topics include the economies, traditions, histories, and political structures of Spanish-speaking nations.

*Also suitable for students of other ages, depending upon background and experience.

Curriculum Items

- None

Spanish Middle School Year 2

The solid basis acquired in Spanish Middle School Year 1 is expanded through appealing practice and instruction in the form of games and stories. These activities guide students to express more complex thoughts and understand native language from a variety of culturally authentic sources.

Students increase skills in reading, listening comprehension, and vocabulary as they learn sentence patterns and advanced phrases. They learn to identify objects from descriptions, translate to and from Spanish, create stories, and understand and give directions. Vocabulary emphasizes geography, math, plants, animals, and directions, conveyed through increasingly complex poems, stories, and ditties. Grammar topics include object pronouns with finite and infinite verbs, past- and present-tense verbs, action verbs, imperfect tense, participle verb endings, indicative and subjunctive verb forms, and dependent verb clauses.

Cultural topics expand to include higher-level content, with special emphasis on the literary and social treasures of Spanish-speaking countries.

Curriculum Items

- None

French Elementary Year 1

This course for beginners with little exposure to foreign languages is geared for younger minds, still especially receptive to language learning through contextual interpretation and imitation. Highly visual and amusing stories and activities are geared for these developing students, encouraging them to begin telling stories themselves. This course is not just a set of language lessons, but an appealing adventure for young minds.

Communication expressions include greetings, introductions, *oui* and *non*, *s'il vous plaît* and *merci*, and other familiar phrases, songs, simple storytelling, and description activities. Vocabulary starts with animals, shapes, and colors and moves to fruits, farm-related words, body parts, family words, and numbers. Grammar topics include simple nouns, first-, second-, and third-person present-tense verbs for simple questions, basic third-person past-tense verbs, interrogative words, simple conjunctions, articles, prepositions, and introductory imperative and infinitive verb forms.

Cultural topics introduce the geographies and customs of French-speaking countries.

Curriculum Items

- None

French Elementary Year 2

The adventure story continues to build upon the base of vocabulary and linguistic structures introduced in French Elementary Year 1. Interactive activities and increasingly challenging games continue to drive students toward a strong set of intermediate language skills.

Communication expressions include a wider array of social greetings and more complex storytelling and songs. Vocabulary expands with more terms related to animals, body parts, colors, familial relationships, and numbers. Grammar moves from second- and third-person plural present-tense forms, prepositional phrases, and more first- and third-person present-tense forms to additional conjunctions, reflexive verbs, imperatives, and past-tense forms.

Cultural topics include cuisine, climate, geography, and history.

Curriculum Items

- None

French Elementary Year 3

Students who have completed French Elementary Year 2 or the equivalent reach advanced levels of fluency in this course. More advanced grammar and vocabulary target correct and authentic accents and comprehension of real-world native speech while still maintaining the adventure-based sense of fun students have come to know. Challenging games and a wider variety of compelling stories ready students for the move to upper levels of language learning.

Communication expressions include a wider variety of daily social exchanges, more complex storytelling, and additional songs. Vocabulary includes simple medical terminology, advanced family- and animal-related words, time-related expressions, days of the week, simple geographical terminology, vegetables, and numbers. Grammar moves from dependent clauses, first-person past-perfect verb forms, additional third-person present verb forms, and more infinitives and adjectives to more complicated sentences using “then” and additional interrogative words and prepositions.

Cultural topics include cuisine, climate, certain dialect forms of French, customs, sports, transportation, geography, and history.

Curriculum Items

• None

French Middle School Year 1

This multimedia, game-based course for early- to mid-teen beginners in French* turns adventures and activities into rigorous lessons in grammar and vocabulary. Listening comprehension, oral production, reading, writing, and cultural awareness are all emphasized in accordance with standards formulated by ACTFL (American Council on the Teaching of Foreign Languages).

Communication topics include greetings, introductions, relationships, cause and effect, likes and dislikes, and questions. Vocabulary includes common daily adjectives, animals, body parts, family and household words, colors, food, and numbers 1 to 900. Grammar progresses from simple original sentence construction, verb infinitives, and base forms to irregular verbs, Latin-derived cognates, concrete objects and associated verbs, adjectival agreement, and demonstrative pronouns.

Cultural topics include the economies, traditions, histories, and political structures of French-speaking nations.

*Also suitable for students of other ages, depending upon background and experience.

Curriculum Items

• None

French Middle School Year 2

The solid basis acquired in French Middle School Year 1 is expanded in this course with instruction that is the equivalent of that found in high school French I.

Students continue their introduction to French with fundamental building blocks in four key areas of foreign-language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. An ongoing adventure story introduces vocabulary and grammar topics, and prompts students to use skills from the four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language.

Curriculum Items

• None

German Elementary Year 1

This course for beginners with little exposure to foreign languages is geared for younger minds, still especially receptive to language learning through contextual interpretation and imitation. Highly visual and amusing stories and activities are geared for these developing students, encouraging them to begin telling stories themselves. This course is not just a set of language lessons, but an appealing adventure for young minds.

Communication expressions include greetings, introductions, *ja* and *nein*, *danke* and *bitte* and other familiar phrases, songs, simple storytelling, and description activities. Vocabulary starts with animals, body parts, numbers, shapes, small objects, and colors, and moves on to food, farm-related words, useful “around town” expressions, and household terminology. Grammar starts with simple nouns, first-, second-, and third-person present-tense verbs, direct and indirect articles, the conjunction *und*, the pluralization of nouns, third-person plural present-tense verbs, third-person past-tense verbs, simple prepositions, and expressions conveying “there is,” “there are,” “isn’t,” and “will be.”

Cultural topics introduce the geographies and customs of German-speaking countries, with a special focus on German-speaking Switzerland.

Curriculum Items

- None

German Elementary Year 2

The adventure story continues to build upon the base of vocabulary and linguistic structures introduced in German Elementary Year 1. Interactive activities and increasingly challenging games continue to drive students toward a strong set of intermediate language skills.

Communication expressions include a wider array of social greetings, introductions, simple commands, suggestions, questions, German folk songs, and enhanced storytelling. Vocabulary expands in the domains of animals, body parts, numbers, shapes, small objects, familial relationships, food, cooking, and new words useful for telling stories such as “The Three Little Pigs” and “Chicken Little” in German. Grammar adds more third-person present-tense verbs, direct and indirect articles, and the conjunction *aber*, and progresses toward new third-person plural present-tense forms, third-person past-tense verbs, additional prepositions, and expressions conveying “very.” Students are also exposed to the simple future tense in the third person.

Cultural topics include cuisine, climate, geography, and history.

Curriculum Items

- None

German Elementary Year 3

Students who have completed German Elementary Year 2 or the equivalent reach advanced levels of fluency in this course. More advanced grammar and vocabulary target correct and authentic accents and comprehension of real-world native speech while still maintaining the adventure-based sense of fun students have come to know. Challenging games and a wider variety of compelling stories ready students for the move to upper levels of language learning.

Communication expressions include a wider variety of daily social exchanges, advanced stories, and more German folk songs. Vocabulary ranges from additional animal-, home- and time-related words to career vocabulary, plants, and new words useful for telling “The Three Bears” and other stories in German. Grammar progresses from dependent clauses, more practice with direct articles, and third-person past-tense verbs to verbs and tenses expressing hopes, the simple future tense, advanced prepositions, and adjectives.

Cultural topics include cuisine, climate, certain dialect forms of German, customs, sports, transportation, geography, and history, with a special focus on Austria.

Curriculum Items

- None

German Middle School Year 1

This course for early- to mid-teen beginners in German* turns adventures and activities into rigorous lessons in grammar and vocabulary, with instruction that is the equivalent of that found in high school German I.

Students are introduced to the fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. An ongoing adventure story introduces vocabulary and grammar topics, and prompts students to use skills from the four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language.

*Also suitable for students of other ages, depending upon background and experience.

Curriculum Items

- None

German Middle School Year 2

The solid basis acquired in German Middle School Year 1 is expanded in this course with instruction that is the equivalent of that found in high school German II.

In this continuing introduction to German, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then to reproduce new vocabulary items in functional real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in German I, students learn grammar through supplemental texts that supply traditional charts, tables, and explanations.

Curriculum Items

- None

Latin Elementary Year 1

Latin remains a vital tool in improving students' fundamental understanding of English and other languages. While being, in the strictest sense, a "dead" language, Latin comes alive in this course through the use of gaming and multimedia techniques, creating the foundation for a deep understanding of cultural, political, and literary history.

Communication expressions include greetings, introductions, familiar phrases, relationships, cause and effect, likes and dislikes, and questions. Vocabulary progresses from animals, body parts, family relationships, colors, food, plants, and numbers to small objects, shapes, and household words. Grammar begins with simple sentence construction, first- and third-person verbs, demonstrative pronouns, conjunctions, and simple possession to basic third-person past-tense and imperative forms, and certain second-person present-tense forms.

Cultural topics introduce the history of the Latin language, and daily practices as well as military, political, and artistic aspects of the Roman Empire.

Curriculum Items

- None

Latin Middle School Year 1

This course for early- to mid-teen beginners in Latin* transforms a “dead” language into a living one with instruction that is the equivalent of that found in high school Latin I. The course unfolds traditionally difficult aspects of the language through vocabulary that follows all standard Latin rules but allows students to tell modern stories connected to a contemporary adventure. Students study familiar vocabulary so they can bring into focus the special characteristics of Latin, notably noun cases and declensions. They receive ongoing practice in vocabulary and grammar, which leads to study of post-Classical Latin, both ecclesiastical and secular, as embodied in the Vulgate Bible and medieval Latin texts.

*Also suitable for students of other ages, depending upon background and experience.

Curriculum Items

- None