



IVYWOOD

CLASSICAL ACADEMY

What to Expect in Kindergarten

Art History will include:	Color, line, sculpture, art by Bruegel, Cassatt, Homer, Rivera, and Tanner
Music Theory will include:	Basic elements, instruments, music by Peer Gynt, classical compositions such as March of the Toys, March of the Siamese, and Carnival of the Animals
History units include:	Basic geography and maps, seven continents, Native Americans, past and present, Columbus, Pilgrims, George Washington, July 4, Thomas Jefferson, Abraham Lincoln, American Flag, White House, Theodore Roosevelt, Statue of Liberty, Mount Rushmore, Current President
Science units include:	Plants & Trees, George Washington Carver, Seasons, Magnetism, Animals & Their Needs Jane Goodall, Human Body: 5 Senses, Human Body: Taking Care of Your Body, Taking Care of the Earth, Weather, Wilson Bentley, The Wright Brothers, Planting & Farming
Teacher read-aloud books are:	Three Billy Goats, Goldilocks, Three Little Pigs, The Wolf and the Kids, Aesop's Fables, Red Riding Hood, Legend of Jumping Mouse, King Midas, Velveteen Rabbit, Tortoise and the Hare, How many spots?, A Tug of War, Snow White, Cinderella, Casey Jones, Momotaro, Bremen, Town Musicians, Chicken Little, Little Red Hen, Ugly Duckling, Johnny Appleseed, Winnie-the-Pooh
Poetry is memorized from:	Listen, My Children: Poems for Kindergartners
Orthography and Literacy:	Students will learn to correctly form all 26 letters, and pronounce all 42 sounds (phonemes) of the English language. Kindergartners will master 61 of the 71 letter combinations (graphemes) that are commonly needed to represent these sounds on paper. They are taught in isolation (not with pictures)

or as sight words) as this is "explicit" phonics. Students will then have spelling words in which these phonemes and letter combinations are used. Students will learn how to write a complete sentence and will also learn about nouns, verbs, and adjectives.

Math skills:

The Singapore Approach: During the year in kindergarten students will review foundational concepts. This includes number sense (one-to-one correspondence of numbers up to 20, and recognizing all numbers to 100). Students will memorize basic addition facts to the sum of ten and will solve and understand subtraction problems. They will learn counting by 2,5, and 10's with proficiency and gain a basic understanding of tens and ones place, and words such as fewer/less, more/greater than. They will be able to compare sets, continue shape patterns, and identify 2-D and 3-D shapes. Students will identify and relate coin values and understand basic fraction concepts. Basic length and distance, basic weight/mass, capacity/volume, and time concepts are taught in the kindergarten year.

What to Expect in First Grade

Art History will include:	Art from long ago, color, line, shape, texture, portrait, still life
Music Theory will include:	Basic Elements, Basic Notation, Classical Composers: Mozart & Prokofiev, Orchestra, Opera, Instrumental Music, Ballet, Jazz
History units include:	Basic Geography and Maps, Modern Mexico, Mesopotamia, Ancient Egypt, Judaism, Islam, Christianity, First Americans, Maya, Aztec, Inca, Early Exploration and Settlement, Thirteen Colonies, American Revolution, American symbols, Exploration of American West
Science units include:	Science Habitats & Food Chains, Oceans, Jacques Cousteau, Environmental Change, Classification of Animals, Human Body Louis Pasteur, Edward Jenner, Astronomy, Matter, Electricity, Thomas Edison, The Earth
Literature Studied:	Frog Prince, Hansel and Gretel, Thumbelina (& variations), Cinderella (& variations), Jack and the Beanstalk, Pied Piper, Pinocchio, Puss-in-Boots, Br'er Rabbit, Princess and the Pea Rapunzel, Aesop's Fables, Rumpelstiltskin, Sleeping Beauty, The Boy at the Dike, Peter Rabbit, House at Pooh Corner, Why the Owl Has Big Eyes, Lon Po Po, Little Red Riding Hood, Medio Pollito, How Anansi Got Stories, It Could Always Be Worse
Poetry is memorized from:	Listen, My Children: Poems for First Graders
Language Arts Skills Learned Are:	Beginning rules of spelling, Basic introduction and practice of nouns, verbs, pronouns, adverbs, adjectives, prepositions, Writing simple sentences using spelling words and descriptive vocabulary, Letter writing, Answering reading comprehension questions in complete sentences.
Math skills:	Number review, Addition, Subtraction, Ordinal Numbers, Shapes, Length, Eight, Comparing Numbers, Graphs, Multiplication within 40, Division (sharing and grouping), Fractions (halves and quarters), Time, Numbers to 100, Money

What to Expect in Second Grade

Art History will include:	Lines, Architecture, Sculpture, Landscapes, Abstract Art
Music Theory will include:	Basic Notation, Basic Elements, String Instruments, Percussion Instruments, Keyboard Instruments, Composers: Vivaldi and Bach, Classical Compositions: Carnival of the Animals, Sonata K. 331, Toccata for Percussion, Beethoven Spring Song
History units include:	Basic Geography and Maps, Ancient India, Ancient China, Ancient Greece, Modern Japan, Constitution, War of 1812, Westward Expansion, United States, Geography, Civil War, Immigration and Citizenship, Geography of Central & South America
Science units include:	Seasons and Water Cycle, Life Cycles, Insects, Jean-Henri Fabre, Magnetism, Simple Machines, Elijah McCoy, Cells and Microscopes, Daniel Hale Williams, Anton van Leeuwenhoek, Taking Care of Your Body, Florence Nightingale, Digestive and Excretory Systems, Plants
Literature Studied:	Charlotte's Web, Magic Paintbrush, Fisherman and His Wife, Beauty and the Beast, Greek Mythology, Tongue-Cut Sparrow, Christmas Carol, How the Camel Got His Hump, Peter Pan, Iktomi Stories, Tall Tales, Talk, Sign of the Beaver, Emperor's New Clothes, Blind Men & the Elephant, El Pajaro Cu, Tiger Brahman & Jackal
Poetry is memorized from:	Listen, My Children: Poems for Second Graders
Language Arts Skills Learned Are:	Nouns (irregular plural, possessive), Verbs (helping, linking, irregular), Adjectives (articles), Adverbs, Prepositions, Conjunctions (compound sentences), Pronouns (noun-pronoun agreement, possessive pronouns), Composing Paragraphs, Cursive Handwriting
Math skills:	Place Value, Measuring with metric system, Mass, Money, Time Measuring with standard measurement, Graphs, Geometric Shapes, Addition /Subtraction within 1000 (with and without regrouping), Area, Fractions, Multiplication /Division 0-10

What to Expect in Third Grade

Art History will include:	Balance and Symmetry, Ancient Rome, Byzantium, American Indian Art, Light, Space, Design
Music Theory will include:	Basic Notation, Basic Elements, Brass Instruments, Woodwinds, Composers: P.I. Tchaikovsky, J.P. Souza, A. Copland, Classical Compositions: W. Tell Overture Horn Concertos, Prelude to...a Faun, Rhapsody in Blue, Scheherazade
History units include:	Rivers of the World, Ancient Rome, Vikings, Earliest Americans, Exploration, Southern Colonies, New England Colonies, Middle Atlantic Colonies, Canada
Science units include:	Science Classification of Animals, Ecology, John Muir, Light & Optics, Astronomy, Mae Jemison, Copernicus, E. Halley, Sound A.G. Bell, Human Body
Literature Studied:	Arabian Nights, Jungle Book, The Husband Who Was to Mind the House, Black Beauty, Greek and Roman Mythology, Norse Mythology, Princess & the Goblin, William Tell, The Little Match Girl, The Hunting of the Great Bear, Farmer Boy, The People Who Could Fly, Three Words of Wisdom
Poetry is memorized from:	Listen, My Children: Poems for Third Graders
Language Arts Skills Learned Are:	Parts of Speech, Kinds of Sentences, Principal Elements, Helping Verbs, Adverbs, Adjectives, Direct Objects, Pronouns (as: Subject, Interrogative, or Object), Subject-Verb Agreement, Prepositional Phrases, Inverted Prepositional Phrases, Simple Conjunctions, Compound Subjects, and Compound Verbs, Direct Objects, Cursive Handwriting, Composition: Narrative Writing, Persuasive Writing, Informative Writing
Math skills:	Place Value to 10,000, Addition & Subtraction, Money, Multiplication Facts, Multiplication, Graphs, Division Facts, Long Division, Time, Geometry, Fractions, Metric Measurement, Customary Measurement

What to Expect in Fourth Grade

Art History will include:	Medieval Europe, Islamic Art and Architecture, Africa, Ancient China, Late 18th-century US, Monticello, Georgian Architecture
Music Theory will include:	Basic Notation, Basic Elements, Vocal Ranges, Orchestra, Composers: F.J. Hayden, G.F. Handel, W.A. Mozart, Classical Compositions: Gregorian Chant
History units include:	Maps, Mountains, Medieval Europe, Islam Crusades, African Kingdoms, Ancient China, American Revolution, Making the Constitution, The Federalist, Washington, Adams, Jefferson, Jeffersonian America, Andrew Jackson
Science units include:	Circulatory & Respiratory Systems, Charles Drew, Elizabeth Blackwell, Geology, James Hutton, Meteorology, Benjamin Banneker, Chemistry, Electricity, Michael Faraday
Literature Studied:	Pollyanna, Robin Hood, King Arthur, Saint George & the Dragon, The Magic Brocade, Gulliver's Travels, Fire on the Mountain, Rip Van Winkle, Sleepy Hollow, Robinson Crusoe, Johnny Tremain, Treasure Island
Poetry is memorized from:	Listen, My Children: Poems for Fourth Graders
Language Arts Skills Learned Are:	Principle Elements, Diagramming, Adjectives, Adverbs, Direct Objects, Predicate Nominative, Possessive Nouns, Prepositions, Prepositional Phrases, Subject Pronouns, Object Pronouns, Possessive Pronouns, Interrogative Pronouns, Compound and Complex Sentences, Relative Clauses, Comma, Quotation Mark, Apostrophe, Cursive Handwriting, Composition: Narrative Writing, Persuasive Writing, Informative Writing
Math skills:	Numbers to 100,000, Multiplication, Division, Fractions, Tables & Graphs, Angles & Lines, Area & Perimeter, Decimals, The Four Operations of Decimals, Symmetry, Solid Figures, Volume

What to Expect in Fifth Grade

Art History will include:	Renaissance Art, Renaissance Art/Sculpture, Renaissance Art/Architecture, Art of Japan, 19th-century American Art
Music Theory will include:	Basic Notation and Elements, Renaissance Music, Composers: Mendelssohn, Mussorgsky, Classical Compositions: Dona Nobis Pacem, Sakura and Hava Nagilah, Beethoven Spirituals
History units include:	Geography, Early American Civilizations, European Exploration and Trade, westward Expansion to 1860, Civil War, Native Americans, Westward Expansion after 1860, Renaissance, Reformation, England from Henry VIII to William & Mary, Russia, Feudal Japan, Reconstruction
Science units include:	Plant Structures and Processes, Classification, Carl Linnaeus, Cell Structures and Processes, Ernest Just, Life Cycles and Reproduction, Percy Lavon Julian, Endocrine System, Reproductive System, Atomic Structure & Periodic Table, John Dalton, Elements, Compounds,
Literature Studied:	Don Quixote, Comedy of Errors, Tale of the Oki Islands, Secret Garden, Adventures of Tom Sawyer, Frederick Douglass, Sherlock Holmes, Little Women, Wind in the Willows, Alice in Wonderland, Native American Stories
Poetry is memorized from:	Listen, My Children: Poems for Fifth Graders
Language Arts Skills Learned Are:	Four Kinds of Sentences, Adverbs & Adjectives, Direct Objects Predicate Verbs, Linking Verbs, Prepositional Phrases, Personal Pronouns, Compound Elements, Indirect Objects, Interrogative Pronouns, Relative Clauses, Adverbial Elements & Interrogative Adverbs, Adverbial Clauses, Reflexive Pronouns, Participles, Gerunds, Infinitives, Compound-Complex Sentences, Cursive Handwriting, Composition: Narrative Writing, Persuasive Writing, Informative Writing
Math skills:	Numbers to 1,000,000, Multiplication, Division, Fractions, Area of Triangle, Ratio, Angles, Decimals, Percentage, Average & Rate, Graphs, Triangles, 4-Sided Figures, Tessellations: Tiling Patterns, Volume