

School of Logic Curriculum Overview

	6 TH Grade	7 TH Grade	8 TH Grade
Bible	Chronological study of Job, Chronicles - Malachi. Study primary themes, events, and dates for historical movement of God from 850 BC - 430 BC	Old Testament Survey History of Hebrew people and neighboring nations; authorship, date, purpose, and integrity of each book; overall structure and message of each book. Memory Passages. Ark Encounter.	New Testament Survey History of the person and work of Jesus Christ, beginnings of the early church, and authorship, date, purpose, and integrity of each book; overall structure and message of each book. Memory Passages
English	Spelling, grammar, composition, persuasive writing, poetry. Classic children's literature, poetry, historical novels. <i>Hittite Warrior, Book of Greek Myths, Julius Caesar, The Hobbit, Detectives in Togas, The Golden Goblet.</i>	Study of classic literature, poetry, historical novels, biographies. <i>The Lost Tools of Writing.</i> Develop writing skills through study of spelling, grammar, vocabulary, organization, composition, and scholarly language. <i>The King's Fifth, The Scarlet Pimpernel, Warriner's Handbook: First Course, Crispin, Tales from Shakespeare, The Hiding Place, Stalin: Russia's Man of Steel.</i>	Broaden language abilities through expansion of vocabulary, spelling skills, grammar usage, and reading several classic literary works. <i>The Lost Tools of Writing.</i> Enhance writing skills through essays, research paper, and other writing events. <i>Warriner's Handbook: Second Course; A Christmas Carol; Call of the Wild; Rifles for Watie; Streams to the River, River to the Sea.</i>
Math	Math in Focus, Course 1: Whole Numbers, Prime Numbers, Prime Factorization, Negative Numbers, Fractions, Decimals, Ratios, Rates and Speed, Percent, Algebraic Expressions, Equations and Inequalities, Coordinate Plane, Area of Polygons, Surface Areas, Volume of Solids, Statistics, Measure of Central Tendency and Variability	Math in Focus, Course 2: Rational and Real Numbers, Algebraic Expressions, Algebraic Equations and Inequalities, Proportion and Percent of Change, Angle Properties and Straight Lines, Geometric Construction and Transformations, Circumference, Area, Volume, Surface Area, Statistics, Probability of Compound Events, Exponents, Scientific Notation, Lines and Linear Equations, Pythagorean Theorem.	Math in Focus, Course 3: Laws of Exponents, Slope Intercept Form, Systems of Linear Equations, Pythagorean Theorem, Irrational Numbers, Geometry, Congruence, Similarity, Transformations, Scientific Notation -or- Algebra I: Introduction to algebraic procedures, linear equations and inequalities, systems of linear equations, quadratic equations, factoring and the quadratic formula, power and exponents, proportions, solving basic rational and radical equations.
Science	Units of study: Immune and nervous systems, diversity of life, energy, electricity, matter, flight. Field trip to Wright Patterson Air Force Base. STEM projects. Science Fair. Weather.	Life Science: Life; Molecules to Cells; Human Body, Genetics, Inheritance, Reproduction; Matter, Energy Flow, Transfer; Information Processing in Plants; Ecosystems, Biomes; Biodiversity. STEM projects. Science Fair.	Earth Science: Earth in Space; Visualizing Earth, Thinking About Earth; Matter & Minerals; Rocks & Rock Cycle; Plate Tectonics & Mountains; Surface Water & Groundwater; Unraveling Earth History; Atmosphere & Weather. STEM projects. Science Fair.
History	Ancient History to 1500s: In the Beginning, Mesopotamia, Egypt, India, China, Greece, Rome, Middle Ages. Geography of Asia and Europe.	7th World History, 1500s-2000: Enlightenment, Age of Discovery, French Revolution, Imperialism, Industrial Revolution, East Asia, World Wars I and II, Cold War. Geography of Europe, Asia, Africa, Americas.	US History: American Revolution, Founding Documents, Branches of Government, Westward Movement, Civil War, Reconstruction, Industrial America, Progressive Era, WW I and II, Korean and Vietnam Wars, Modern America. US Geography. Trip to Washington, D.C.
Logic/Rhetoric		Introduction to and study of basic principles of classic Aristotelian logic. Units of study: Logic, Propositions, Inductive vs. Deductive Reasoning, Syllogisms, Logical Fallacies, Types of Arguments, Debates.	Continued study and application of classic Aristotelian logic with special emphasis on learning Aristotle's Common Topics for use in developing strong arguments. Units of study: Debates, Definitions, Testimony, Comparison, Relationship, Circumstance.

School of Logic Curriculum Overview (continued)

	6 TH Grade	7 TH Grade	8 TH Grade
Foreign Language	Latin I: Study basic structure of the language, grammar, and vocabulary, as well as culture of Ancient Rome.	Latin I: Study the language and culture of the Ancient Romans by examining the grammar, syntax, and vocabulary of Latin.	Latin II: Continued study of Latin through stories, vocabulary, grammar charts, and grammar terms. Discover the link between Latin and other world languages.
Physical Education	Continue to learn and develop mature motor patterns. Continued focus on non-locomotor and manipulative skills and development of mature locomotor patterns. Continued basic development of lifetime activity concepts.	Continued development of skills and application in various sports, games, and personal fitness. Strategic thinking practiced in context of games and in planning for personal fitness. Instruction in rules of various sports played in our culture.	Continued emphasis on improving personal fitness, contributing positively to a team, and applying skills to various activities and sports. Students practice strategic thinking, planning, and application of knowledge of personal fitness by creating games for others to play.

School of Logic Fine Arts

6th-8th Grades	Required Fine Arts Courses	Fine Arts Opportunities
Fine Arts	<p>Chorus: Students learn musicianship in the context of singing in a group, increase skills by practicing, and perform in concerts and participate in other performance opportunities.</p> <p>Beginner and Intermediate Band: Students learn musicianship in the context of playing an instrument in a group, increase skills by practicing, and perform in concerts and participate in other performance opportunities.</p>	Art: Preliminary drawing exercises in pencil. One-point linear perspective drawing. Color and color behavior in painting. Sculpting 3-D shapes from flat forms.