School of Logic Curriculum Overview

	6TH Grade	7TH Grade	8TH Grade
Bible	Memory passages; read and discuss Isaiah-Daniel, I & II Peter; Attributes of God.	**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	**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, descriptive and persuasive writing, poetry, book reports. Classic children's literature, poetry, historical novels, biographies about Ancient and Medieval people. *Hittite Warrior, Book of Greek Myths, Julius Caesar, The Hobbit, Detectives in Togas, The Golden Goblet.*	Study of classic literature, poetry, historical novels, biographies. *The Lost Tools of Writing.* Develop writing skills through study of spelling, grammar, vocabulary, organization, composition, and scholarly language. *The King's Fifth, The Scarlet Pimpernel, Warriner's Handbook: First Course, The Merchant of Venice, Johnny Tremain, Crispin.*	Broaden language abilities through expansion of vocabulary, spelling skills, grammar usage, and reading several classic literary works. *The Lost Tools of Writing.* Enhance writing skills through essays, other writing events. *Warriner's Handbook: Second Course; A Christmas Carol; Call of the Wild; The Hiding Place; Rifles for Watie; Streams to the River, River to the Sea.*
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-Acc:*** 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.	**Life Science:** Study of the various forms of life God has created and the classes of organisms from least to most complex. Units of study: Life; Viruses, Bacteria, Protoctists, Fungi; Plants; Animals; the Human Body; and Ecology. Trip to Newport Aquarium. STEM projects. Science Fair.	**Earth Science:** Study of God's creation of the earth, water, soil, rocks, weather, and the universe. Units of study: Geology, Dynamic Earth, Water and Water Systems, Meteorology, Environment, and Astronomy. 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)

	6TH Grade	7TH Grade	8TH Grade
Foreign Language	Latin I: Cambridge Latin, Unit 1, Stages 7-12.	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	**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. **Instrumental Ensemble:** 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.	**Art:** Preliminary drawing exercises in pencil. One-point linear perspective drawing. Color and color behavior in painting. Sculpting 3-D shapes from flat forms.