

Grammar School Scope and Sequence

MEMORY PERIOD: Grammar school students gather each morning to review memorized facts across all disciplines through collective recitations, chants, songs, and jingles.

INTEGRATION: Veritas Academy believes that all knowledge is connected and that all truth is intricately interwoven, bound together not by human intellect but rather by the person of Jesus Christ and His Word (sacred Scripture). Subjects are taught as an interconnected whole.

ENRICHMENT CLASSES: Students in the grammar school take music, science, physical education, and art class in addition to the core classes outlined below.

GRADE	CLASS TRADITIONS	HISTORY/ GEOGRAPHY	BIBLE	LANGUAGE ARTS	READING	MATH	LATIN
K	Cookie Baking Field Trip, Amish Farm and Village Field Trip, Knighting ceremony, Awards ceremony, Hans Herr Field Trip, Tea Party	<p>CURRICULUM Old Lancaster, Amish ABC's</p> <p>ASSIGNMENTS Worksheets, coloring, and activities</p> <p>GOALS Broad familiarity with Lancaster history</p> <p>GEOGRAPHY Local Geography</p>	<p>CURRICULUM A Child's Story Bible</p> <p>ASSIGNMENTS Various worksheets, coloring, Bible timeline, and activities</p> <p>GOALS Provides survey of Old Testament</p>	<p>CURRICULUM Veritas Press Phonics Museum</p> <p>ASSIGNMENTS Tests, worksheets, writing assignments, and practice activities</p> <p>GOALS Learn to identify and vocalize letters and blends, write letters and words, and construct basic sentences</p>	<p>CURRICULUM Beginning Readers, Bob Books, Veritas Press Phonics Museum; Sing, Spell, Read, Write, First Favorites</p> <p>ASSIGNMENTS Comprehension worksheets and oral reading evaluations</p> <p>GOALS Provide phonetic instruction and practice with the goal of reading fluency. Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and measuring comprehension.</p>	<p>CURRICULUM Saxon Level I</p> <p>ASSIGNMENTS Worksheets, quizzes, tests, timed fact drills</p> <p>GOALS Learn to count, sort, compare sizes and shapes, make designs and patterns, form numbers, identify days of the week, tell time, do addition/subtraction 1-20</p>	Begins Grade 2

GRADE	CLASS TRADITIONS	HISTORY/ GEOGRAPHY	BIBLE	LANGUAGE ARTS	READING	MATH	LATIN
I	Native American Thanksgiving Feast, Trip to State Capitol Building, Trip to North Science Museum, Trip to Philadelphia, Brandywine Museum field trip	<p>CURRICULUM Evan Moore Geography</p> <p>ASSIGNMENTS Coloring and various activities</p> <p>GOALS Broad familiarity with Pennsylvania history</p> <p>Geography: Survey of world geography</p>	<p>CURRICULUM A Child's Story Bible</p> <p>ASSIGNMENTS Various activities and Bible timelines</p> <p>GOALS Provide survey of New Testament and review Old Testament</p>	<p>CURRICULUM Shurley Grammar I, Veritas Press Phonics Museum</p> <p>ASSIGNMENTS Tests, worksheets, writing assignments, and practice activities</p> <p>GOALS Learn paragraph construction, contractions, synonyms/ antonyms, parts of speech, sentence parts, and basic punctuation/ capitalization</p>	<p>CURRICULUM Veritas Press Beginning Readers; Sing, Spell, Read, Write; Frog and Toad readers; Veritas Press Phonics Museum; First Favorites; various classic children's books</p> <p>ASSIGNMENTS Comprehension worksheets and oral reading evaluations</p> <p>GOALS Review short vowels, phonics study and practice with readers. Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and measuring comprehension</p>	<p>CURRICULUM Saxon 2</p> <p>ASSIGNMENTS Worksheets, quizzes, tests, timed fact drills</p> <p>GOALS Learn telling time, adding and subtracting, multiplying 0-5 sums, basic fractions, skip counting, counting by 2, 3, 4, 5, 10, and 25's, counting to 400, and counting money</p>	Begins Grade 2

GRADE	CLASS TRADITIONS	HISTORY/ GEOGRAPHY	BIBLE	LANGUAGE ARTS	READING	MATH	LATIN
2	Egyptian Feast, Field Trip to University of Pennsylvania Museum, Field Trip to Tabernacle, Zoo America, Make King Tut Funeral Masks, Make Hyksos Chariots	<p>CURRICULUM Veritas Press History Cards(OldTestament and Ancient Egypt), Kingfisher Encyclopedia, and various non-fiction and historical fiction books</p> <p>ASSIGNMENTS Tests, worksheets, historical fiction reading, and various projects</p> <p>GOALS To familiarize students with the timeline and facts of history</p> <p>GEOGRAPHY The countries of Africa using Geography Songs book and CD and in-house materials</p>	<p>CURRICULUM Veritas Press Bible Cards (Genesis-Joshua), A Child's Story Bible, biblical fiction and nonfiction books</p> <p>ASSIGNMENTS Worksheets, tests, and various activities</p> <p>GOALS Provide survey of designated books of the Bible and 32 events of timeline of Biblical history covered in these books.</p>	<p>CURRICULUM Veritas Press Classically Cursive; Shurley Grammar Level 2; Institute for Excellence in Writing; SRA Spelling 3</p> <p>ASSIGNMENTS IEW keyword outlines, spelling and grammar tests and worksheets, paragraph writing assignments</p> <p>GOALS Provide understanding of basic rules of spelling, language, develop ability to write using basic techniques and tools, begin cursive handwriting instruction, and formulate ability to put thoughts into words</p>	<p>CURRICULUM Classic children's literature including Boxcar Children, Little House in the Big Woods, Little House on the Prairie, Pinocchio, Velveteen Rabbit, Railway Children, Ugly Duckling, Winnie the Pooh, and more</p> <p>ASSIGNMENTS Oral reading evaluations, reading comprehension worksheets</p> <p>GOALS Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and measuring comprehension</p>	<p>CURRICULUM Saxon 3</p> <p>ASSIGNMENTS Worksheets, timed drills, and tests</p> <p>GOALS Learn addition with trading, subtraction across zeros, multiplication facts and introduction to division</p>	<p>CURRICULUM Song School Latin I and II</p> <p>ASSIGNMENTS Worksheets, quizzes, tests, and memorization of significant Latin excerpts</p> <p>GOALS Provide intro to Latin, alphabet sounds, counting, and introductory vocabulary</p>

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3	Trojan Horse in Classroom, Making Mosaics in class, Greek Olympics, Zeus' Family Reunion, Barbarian Invasion, Country Barn, Jen's Pottery Den, That Fish Place, Lancaster Archery	<p>CURRICULUM Veritas Press History Cards (Ancient Greece and Rome), and various historical fiction books, Famous Men of Greece and Rome</p> <p>ASSIGNMENTS Tests, worksheets, and various activities</p> <p>GOALS To familiarize students with the basic concepts and facts of history</p> <p>GEOGRAPHY The countries of Europe using Geography Songs book and cd and in-house materials</p>	<p>CURRICULUM Veritas Press Bible (Judges-Kings)</p> <p>ASSIGNMENTS Worksheets, tests, and various activities</p> <p>GOALS Provide survey of designated books of the Bible and timeline of Biblical history covered in these books.</p>	<p>CURRICULUM Veritas Press Classically Cursive; Shurley Grammar Level 3; SRASpelling 4</p> <p>ASSIGNMENTS IEW keyword outlines, spelling and grammar tests and worksheets, paragraph writing assignments</p> <p>GOALS Learn all parts of speech, direct and indirect objects, sentence types, verb tense and agreement, possessive nouns, punctuation; writing narrative, persuasive, expository paragraphs and letters. Transition to cursive.</p>	<p>CURRICULUM Classic children's literature including Charlotte's Web, D'Aulaires Book of Greek Myths, Homer Price, Black Ships before Troy, Detectives in Togas, The Lion, the Witch, and the Wardrobe, Misty of Chincoteague</p> <p>ASSIGNMENTS Oral reading evaluations, reading comprehension worksheets</p> <p>GOALS Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and measuring comprehension.</p>	<p>CURRICULUM Saxon 54</p> <p>ASSIGNMENTS Worksheets/lessons, timed drills, and tests</p> <p>GOALS Multiplication/division facts from 0-12; long multiplication and division, measurements (customary and metric), introduction to fractions and decimals, finding variables in addition, subtraction, multiplication, and division; time; money</p>	<p>CURRICULUM Latin for Children A</p> <p>ASSIGNMENTS Worksheets, quizzes, tests, and memorization of significant Latin excerpts</p> <p>GOALS Learn 1st and 2nd conjugation verbs in imperfect, present, and future; 1st and 2nd declension nouns; adjectives; sentence translations with direct objects, predicate nominatives and adjectives</p>

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4	Marco Polo Field Trip, Beowulf's arm, Medieval Times, Hobbit Hike, Print-Making T-Shirts, Washington DC, Feudal Feast, archery, barbarian invasion, Monk Day	<p>CURRICULUM Veritas Press History Cards (Middle Ages, Reformation, and Renaissance), Kingfisher Encyclopedia, and various historical fiction books</p> <p>ASSIGNMENTS Tests, worksheets, historical fiction reading, and various activities</p> <p>GOALS To familiarize students with the basic concepts and facts of history</p> <p>Geography: The countries of Asia using Geography Songs book and in-house materials</p>	<p>CURRICULUM Veritas Press Bible cards (Chronicles to Malachi), A Child's Story Bible, biblical fiction books</p> <p>ASSIGNMENTS Worksheets, tests, and various activities</p> <p>GOALS Provide survey of designated books of the Bible and timeline of Biblical history covered in these books.</p>	<p>CURRICULUM Grammar Level 4; Institute for Excellence in Writing; SRA Spelling 5</p> <p>GOALS Learn punctuation, mechanics, and capitalization, roman numeral outlines, calligraphy</p>	<p>CURRICULUM Classic children's literature including Beowulf, Charlie and the Chocolate Factory, The Hobbit, Adventures of Robin Hood, Macbeth, King Arthur, Rolf and the Viking Bow</p> <p>ASSIGNMENTS Oral reading evaluations, reading comprehension worksheets and quizzes</p> <p>GOALS Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and measuring comprehension.</p>	<p>CURRICULUM Saxon 65</p> <p>ASSIGNMENTS Worksheets/lessons, timed drills, and tests</p> <p>GOALS Learn factoring, finding greatest common factors, making mixed numbers out of improper fractions, mixed numbers, fractions, adding, subtracting, multiplying, dividing, reducing</p>	<p>CURRICULUM Latin for Children Primer B</p> <p>ASSIGNMENTS Grammar worksheets; sentence parsing, labeling and translating; Quizzes; review tests.</p> <p>GOALS Learn 1st-3rd declension nouns, pronouns, numbers, and tenses in the present system. Be able to translate sentences of various structure.</p>

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5	<p>FIELD TRIPS Indian Echo Caverns, Grundy Observatory, Landis Valley Village & Farm Museum, Adventure Aquarium, Mount Vernon, VA</p> <p>EVENTS Pirate Treasure Hunt; Reenact Boston Tea Party & British Surrender at Yorktown (followed by Tea Party); Swiss Family Robinson Pirate Invasion and Tropical Feast</p> <p>ACTIVITIES Colonial Trading with England, Candle-Making, Designing & Painting Frakturs, Colonial Christmas Ornaments, Punched-Tin Lanterns, Butter Churning</p>	<p>CURRICULUM Veritas Press History 1394 to 1820 (Explorers to Founding of America), various historical fiction books including: Almost Home, Columbus, Guns for Gen. Washington, Seaman's Journey, and more</p> <p>ASSIGNMENTS Tests, worksheets, and various activities</p> <p>GOALS To familiarize students with the basic concepts and facts of history including the founding US documents</p> <p>Geography: Areas of Early Explorers; United States; Variety of maps, GeoSafari, Talking Globe</p>	<p>CURRICULUM Veritas Press Bible (Gospels); Journey through the Bible</p> <p>ASSIGNMENTS Worksheets, tests, and various activities and projects</p> <p>GOALS Provide survey of designated books of the Bible and timeline of Biblical history covered in these books</p>	<p>Grammar: Shurley English Level 6</p> <p>Spelling: SRASpelling 6</p> <p>Writing: IEW History-Based Lessons, America: Explorer to Gold Rush</p> <p>ASSIGNMENTS Grammar & Spelling: Worksheets, tests</p> <p>Writing: Write and edit poetry, essays, short stories, research papers</p> <p>GOALS Learn new grammar jingles, punctuation, mechanics, capitalization; Practice spelling rules, learn new spelling vocabulary lists; Learn outlining for essays & research papers, improve creative writing skills</p>	<p>CURRICULUM Readaloud together: Where the Red Fern Grows, Treasure Island, The Witch of Blackbird Pond, Johnny Tremain, Little Women, Swiss Family Robinson</p> <p>ASSIGNMENTS Reading comprehension worksheets and oral reading evaluations</p> <p>GOALS Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and increase reading comprehension.</p>	<p>CURRICULUM Saxon 76</p> <p>ASSIGNMENTS worksheets/ lessons, tests, supplemental worksheets on fractions, decimals, negative numbers, and graphing</p> <p>GOALS Order of Operations; finding the variable; GCF; LCM; perimeter; area; percents; intro to geometry; adding, subtracting, multiplying, and dividing fractions, decimals, and negative numbers</p>	<p>CURRICULUM Latin for Children Primer C</p> <p>ASSIGNMENTS Grammar worksheets; sentence parsing, labeling and translating; Quizzes; review tests.</p> <p>GOALS Learn all noun declensions, tenses in the perfect system, third declension adjectives, and interrogatives. Be able to translate compound sentences, and longer passages.</p>

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6	Southwest Fest, candy trains, personalized presidents;field trips to train museum, Franklin Institute, USA cake, Civil War Museum, Washington DC, National Canal Museum	<p>CURRICULUM Veritas Press History (Modern) and various historical fiction books</p> <p>ASSIGNMENTS Tests, worksheets, and various activities</p> <p>GOALS To familiarize students with the basic concepts and facts of history</p> <p>GEOGRAPHY South America/ Pacific, Mexico, Central America, and Caribbean Islands using Abeka maps and other sources</p>	<p>CURRICULUM Veritas Press Bible (Acts-Revelation)</p> <p>ASSIGNMENTS Worksheets, tests, and various activities</p> <p>GOALS Provide survey of designated books of the Bible and timeline of Biblical history covered in these books.</p>	<p>CURRICULUM Shurley Grammar Level 7, IEW: Teaching Writing: Structure and Style, Grammar of Poetry, Vocabulary from Greek and Latin Roots</p> <p>ASSIGNMENTS essays, reports, poetry</p> <p>GOALS Learn mechanics, 8 parts of speech, sentence structure, tense, phrases, clauses, to make application between grammar rules and writing</p>	<p>CURRICULUM Kidnapped, Jungle Book, Christmas Carol, Around the World in 80 Days, Hiding Place, Huck Finn, Call of the Wild, and more</p> <p>ASSIGNMENTS Oral reading evaluations, reading comprehension worksheets and quizzes, independent reading homework to prepare for secondary school expectations</p> <p>GOALS Classic children's literature is read aloud to encourage a love of narrative, and provide instant correction of phonic errors and measuring comprehension.</p>	<p>CURRICULUM: Worksheets covering Saxon Algebra 1/2 material Alternate: Saxon Algebra 1/2</p> <p>ASSIGNMENTS: worksheets/lessons, tests, supplemental worksheets on pre-algebra topics</p> <p>GOALS: Thorough understanding of arithmetic with integers and rational numbers; prime factorization; basic geometry; introduction to linear algebra; solving single variable linear equations; graphing 2 variable linear equations</p>	<p>CURRICULUM Latin Alive! Book I</p> <p>ASSIGNMENTS Grammar worksheets; sentence parsing, labeling and translating; reading comprehension; quizzes; unit tests.</p> <p>GOALS Review grammar from previous years in more detail, and paying more attention to syntax. Learn new genitive, dative, accusative and ablative case uses. Read Latin passages for comprehension.</p>

Secondary School Scope and Sequence

ELECTIVES

7-8 GRADE electives include choir, drawing, general art, acting, PE, orchestra, madrigal performers

8-12 GRADE electives include political science, computer programming, orchestra, theater, yearbook, creative writing, drawing, general art, leadership, photography, choir, madrigal performers, theology and philosophy, polyhedral, history and philosophy of math, number theory, and economics.

GRADE	OMNIBUS	MATH	SCIENCE	PARADIGM CLASSES	LANGUAGE
7	<p>CURRICULUM Omnibus Textbook, assigned books and readings</p> <p>GOALS Students will learn to read, discuss, and engage primary and secondary materials in theology, philosophy, history, and literature during the ancient period.</p> <p>READING LIST INCLUDES Chronicles of Narnia, Epic of Gilgamesh, The Odyssey, The Holiness of God, and more</p> <p>SPECIAL EVENTS Narnia Feast, Gödel Field Trip to Princeton, Omnibus Tea Party, Gödel Logic Test I, Math Unit/Chapter Study Guide, Washington DC field trip, Trip to NYC, Philadelphia, or Baltimore</p>	<p>ALGEBRA A CURRICULUM Introductory Algebra, Elayn Martin-Gay</p> <p>GOALS Part 1 of a 3 year algebra sequence developing the algebraic language necessary for study in higher mathematics. Introduction to solving linear equations and their applications.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>-OR-</p> <p>ALGEBRA AB CURRICULUM Elementary Algebra, Harold R. Jacobs</p> <p>GOALS Part 1 of a 2 year algebra sequence developing the algebraic language necessary for study in higher mathematics. Introduction to solving equations up to the derivation and use of the quadratic formula.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p>	<p>EARTH AND LIFE SCIENCE CURRICULUM Prentice Hall Life Science, Pearson Earth Science</p> <p>GOALS Provide an overview of our earth and the life on it; core knowledge in map skills, land forms, weather, minerals and rocks.</p> <p>ASSIGNMENTS Reading, worksheets, quizzes, tests</p>	<p>LOGIC 1 CURRICULUM Logic I : Categorical. Propositional. Predicate</p> <p>GOALS Learn categorical logic, testing the validity of syllogisms using three rules of validity; learn propositional logic, testing the validity of arguments using rules of substitution and truth tables; and learn predicate logic, parsing propositions into subject and predicate and applying universal and existential quantifiers</p> <p>ASSIGNMENTS Quizzes, Tests</p>	<p>LATIN CURRICULUM Latin Alive! Book 2</p> <p>ASSIGNMENTS Grammar worksheets, translations, reading comprehension, recitations, quizzes, unit tests.</p> <p>GOALS Learn various degrees of adjective and adverbs, new ablatives and datives, pronouns, passive voice verbs, dependent clauses, and participles. Be able to apply grammar in such a way as to translate into idiomatic English.</p>

GRADE	OMNIBUS	MATH	SCIENCE	PARADIGM CLASSES	LANGUAGE
8	<p>CURRICULUM Omnibus Textbook, assigned books and readings</p> <p>GOALS Students will learn to read, discuss, and engage primary and secondary materials in theology, philosophy, history, and literature during the medieval period.</p> <p>READING LIST INCLUDES Lord of the Rings, Confessions, Inferno</p>	<p>Geometry: CURRICULUM Elements, Euclid</p> <p>Geometry: Seeing, Doing, Understanding, Harold R. Jacobs</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>GOALS Survey of Euclidean Geometry, beginning with book 1 of Euclid's Elements and Euclid's proof of the Pythagorean Theorem, and moving to modern geometry and introduction to trigonometric ratios.</p>	<p>Physical Science: CURRICULUM Prentice Hall Physical Science</p> <p>GOALS Provide a dynamic, hand-on class designed to build comprehension of basic chemistry principles and the laws of physics. Application of scientific method</p> <p>ASSIGNMENTS Reading, worksheets, problem-solving, quizzes, tests</p>	<p>Logic 2 CURRICULUM Logic II: Principia. Application</p> <p>GOALS Learn propositional logic axiomatically, following Principia Mathematica. End the year with applying informal fallacies to famous debates and translate passages of Scripture into logical form and prove the arguments as valid</p> <p>ASSIGNMENTS Quizzes, Tests</p>	<p>Greek: CURRICULUM Basics of Biblical Greek, textbook and workbook. Alpha to Omega Athanaze</p> <p>ASSIGNMENTS Quizzes on vocab and grammar, tests on vocab, grammar and translation, workbook pages, and parsing exercises</p> <p>GOALS Memorize common NT Greek vocabulary; learn basic Greek grammar; translate simple NT passages. Key for the logic stage: Greek is a very logical language that forces students to look closely and think carefully and logically about details of words and sentences.</p>
	SPECIAL EVENTS				
	<p>Rivendell Feast, Illuminated Manuscript Project, Beowulf, Logic, Gödel Logic Test II, Beowulf's arm project, Washington DC field trip, Trip to NYC, Philadelphia, or Baltimore, polyhedron model</p>				

GRADE	OMNIBUS	MATH	SCIENCE	PARADIGM CLASSES	LANGUAGE
9	<p>CURRICULUM Omnibus Textbook, assigned books and readings</p> <p>GOALS Students will learn to read, discuss, and engage primary and secondary materials in theology, philosophy, history, and literature during the modern period.</p> <p>READING LIST INCLUDES Great Gatsby, Pride and Prejudice, Murder on the Orient Express, Nine Tailors</p>	<p>ALGEBRA BC CURRICULUM Algebra & Trigonometry, Paul A. Foerster</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>GOALS Part 2 of a 2 year algebra sequence developing the algebraic language necessary for study in higher mathematics. Exploration of all non-trigonometric elementary functions.</p>	<p>BIOLOGY CURRICULUM The Study of Life</p> <p>ASSIGNMENTS Reading, discussion, worksheets, quizzes, tests, build a cell model</p> <p>GOALS Study life at the cellular level; cell structure, cellular respiration, photosynthesis, and cell division as well as human anatomy, plants and microorganisms are explored.</p>	<p>ENGLISH COMPOSITION CURRICULUM Elegant Essays, Elements of Style, Sentence Composing for High Schoolers, The Lively Art of Writing, The Art of Poetry</p> <p>ASSIGNMENTS Write clear and concise sentences and paragraphs</p> <p>Write solid, thoughtful 5-paragraph essays</p> <p>Attend to and learn from well-written sentences, paragraphs, essays, poetry, and speeches</p> <p>GOALS Come to appreciate and enjoy an assortment of writing techniques and styles; develop skill and understanding in the basics of grammar and writing.</p>	<p>LATIN 1 CURRICULUM Latin Alive! Book 3</p> <p>ASSIGNMENTS Translations, reading comprehension, grammar worksheets, unit tests.</p> <p>GOALS Review old grammar, and learn the subjunctive mood, various clauses, infinitives, and sequence of tenses. Be able to read unadapted Latin, and scan poetry for meter.</p>
	<p>SPECIAL EVENTS</p> <p>Murder mystery dinner, Pride and Prejudice tea party, chocolate party, British-American trading treaty event, Washington DC field trip, Trip to NYC, Philadelphia, or Baltimore, math unit/chapter study guide</p>	<p>-OR-</p> <p>ALGEBRA B CURRICULUM Intermediate Algebra, Charles P. McKeague</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>GOALS Part 2 of a 3 year algebra sequence developing the algebraic language necessary for study in higher mathematics. Introduction to various functions including rational functions and the derivation and use of the quadratic formula.</p>			
					<p>SPANISH 1 CURRICULUM Navegando I (chs. 1-8)</p> <p>ASSIGNMENTS homework, independent vocabulary study, quizzes (two per chapter), chapter tests, scripture recitation, semester final exam, Hispanic geography quizzes</p> <p>GOALS Become proficient in the grammatical concepts and vocabulary covered over the course of the two semesters, building a firm foundation for Spanish II.</p>

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10	<p>CURRICULUM Omnibus Textbook, assigned books and readings</p> <p>GOALS Students will learn to read, discuss, and engage primary and secondary materials in theology, philosophy, history, and literature during the ancient period.</p> <p>READING LIST INCLUDES Aeneid, Plato's Republic, Thucydides</p>	<p>TRIGONOMETRY CURRICULUM Algebra & Trigonometry, Paul A. Foerster</p> <p>GOALS Exploration of the properties of trigonometric ratios and functions as well as other pre-calculus topics.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>-OR-</p> <p>ALGEBRA C CURRICULUM Advanced Algebra, UCSMP</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p>	<p>CHEMISTRY CURRICULUM Prentice Hall Chemistry</p> <p>GOALS Build competency in understanding of matter including the elements, periodic table, reactions, scientific measurement, and stoichiometry.</p> <p>ASSIGNMENTS Reading, problem-solving, memorization, worksheets, quizzes, tests</p>	<p>RHETORIC AND SYSTEMATIC THEOLOGY Students learn the art of public speaking through progymnasmata in Rhetoric as well as the fundamentals of Christian theology in systematic theology</p>	<p>LATIN 2/3 CURRICULUM Latin Alive! Reader</p> <p>ASSIGNMENTS Translation, composition, respond in Latin questions, tests.</p> <p>GOALS Read and discuss unabridged Latin from various authors for a better understanding of Latin and Roman culture. Learn to scan lyric as well as epic poetry, and do literary analyses.</p> <p>SPANISH II CURRICULUM Navegando I (ch. 9), Navegando II (chs. 1-6)</p> <p>ASSIGNMENTS review Spanish I (grammar and vocabulary), homework, independent vocabulary study, quizzes (two per chapter), chapter tests, Scripture recitation, semester final exam, Hispanic geography quizzes, writing assignments</p> <p>GOALS Become proficient in the grammatical concepts and vocabulary covered over the course of the two semesters, growing in reading and writing skills</p>
	<p>SPECIAL EVENTS</p> <p>Greek Olympics, Trigonometry Scavenger Hunt, Washington DC field trip, Trip to NYC, Philadelphia, or Baltimore, Trigonometric Ratio Scavenger Hunt, Vector Addition Treasure Hunt, read Flatland by Edwin A. Abbott</p>	<p>GOALS Part 3 of a 3 year algebra sequence developing the algebraic language necessary for study in higher mathematics.</p> <p>Exploration of elementary functions including an introduction to trigonometric functions.</p>			

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11	<p>CURRICULUM Omnibus Textbook, assigned books and readings</p> <p>GOALS Students will learn to read, discuss, and engage primary and secondary materials in theology, philosophy, history, and literature during the medieval period.</p> <p>READING LIST INCLUDES City of God, Divine Comedy, Sir Gawain and the Green Knight</p>	<p>CALCULUS I CURRICULUM Calculus: Early Transcendental Functions, Larson, Hostetler, Edwards</p> <p>GOALS Introduction to limits, derivatives, integrals, and their applications, including the Disk Method. Proof of the Fundamental Theorem of Calculus.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>-OR-</p> <p>TRIGONOMETRY CURRICULUM Algebra & Trigonometry, Paul A. Foerster</p> <p>GOALS Exploration of the properties of trigonometric ratios and functions as well as other pre-calculus topics.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>-OR-</p> <p>STATISTICS CURRICULUM Stats: Modeling the World</p> <p>GOALS Intro to probability, measure of central tendency and dispersion, normal distribution and inference, stats in media,</p> <p>ASSIGNMENTS Poster presentation, textbook exercises, quizzes, exams, investigative tasks</p>	<p>PHYSICS CURRICULUM Exploring Creation with Physics, Dr. Jay L. Wile, Apologia</p> <p>GOALS Students will be introduced to the study of the workings of the universe, specifically including vector operations, kinematics and motion, Newton's laws, work and energy, periodic motion, optics, electricity, and magnetism.</p> <p>ASSIGNMENTS Homework Sets, In-Class Problems, Labs, Quizzes and Tests</p> <p>-OR-</p> <p>HUMAN ANATOMY AND PHYSIOLOGY CURRICULUM Human Anatomy and Physiology</p> <p>ASSIGNMENTS Reading, assessment, questions from the text, quizzes, tests</p> <p>GOALS This college level course is designed to build appreciation for the complexity of the human body as well as an understanding of body parts and processes.</p>	<p>APOLOGETICS CURRICULUM Materials that cover systematic theology, epistemology, logic, and evangelism</p> <p>GOALS Learn how to defend the Christian faith</p> <p>ASSIGNMENTS Quizzes, Tests.</p> <p>-AND-</p> <p>JR. THESIS GOALS Use scholarly research and professional writing skills to develop a paper that expresses one's position on a topic in a manner that is grammatically correct, logically sound, rhetorically persuasive, academically formatted, and biblically accurate.</p> <p>ASSIGNMENTS Grammar quizzes, Topic ideas, Research notes, Thesis statement, Argument outline, Rough draft, Editing exercises, Final draft, Oral presentation</p>	<p>LATIN 2/3 CURRICULUM Latin Alive! Reader</p> <p>ASSIGNMENTS Translation, composition, respond in Latin questions, tests.</p> <p>GOALS Read and discuss unabridged Latin from various authors for a better understanding of Latin and Roman culture. Learn to scan lyric as well as epic poetry, and do literary analyses.</p> <p>SPANISH III CURRICULUM Navegando II (chs. 7-9), Navegando III (chs. 1-3)</p> <p>ASSIGNMENTS review Spanish II (grammar and vocab), homework, independent vocab study, quizzes (two per chapter), chapter tests, Scripture recitation, semester final exam, Hispanic geography quizzes, writing</p> <p>GOALS Become proficient in grammatical concepts and vocab covered over the course of the two semesters, growing in reading, writing and verbal proficiency skills</p>
	SPECIAL EVENTS				
	<p>Jousting event, Jewish Passover dinner, Hershey Park physics trip, statistics field trip, Washington DC field trip, Trip to NYC, Philadelphia, or Baltimore, Euler line linear algebra review</p>				

GRADE	OMNIBUS	MATH	SCIENCE	PARADIGM CLASSES	LANGUAGE
12	<p>CURRICULUM Omnibus Textbook, assigned books and readings</p> <p>GOALS Students will learn to read, discuss, and engage primary and secondary materials in theology, philosophy, history, and literature during the modern period.</p> <p>READING LIST INCLUDES Anna Karenina, Moby Dick, Paradise Lost, Brave New World</p>	<p>CALCULUS I CURRICULUM Calculus: Early Transcendental Functions, Larson, Hostetler, Edwards</p> <p>GOALS Introduction to limits, derivatives, integrals, and their applications, including the Disk Method. Proof of the Fundamental Theorem of Calculus.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams</p> <p>-OR-</p> <p>CALCULUS 2 CURRICULUM Calculus: Early Transcendental Functions, Larson, Hostetler, Edwards</p> <p>GOALS Exploration of advanced integration techniques, applications of integration, and infinite series.</p> <p>ASSIGNMENTS Graded Homework, Quizzes, Tests, Semester Final Exams, AP Calculus BC Exam</p>	<p>PHYSICS: CURRICULUM Exploring Creation with Physics, Dr. Jay L. Wile, Apologia</p> <p>GOALS Students will be introduced to the study of the workings of the universe, specifically including vector operations, kinematics and motion, Newton's laws, work and energy, periodic motion, optics, electricity, and magnetism.</p> <p>ASSIGNMENTS Homework Sets, In-Class Problems, Labs, Quizzes and Tests</p> <p>-OR-</p> <p>HUMAN ANATOMY AND PHYSIOLOGY CURRICULUM Human Anatomy and Physiology</p> <p>ASSIGNMENTS Reading, assessment, questions from the text, quizzes, tests</p> <p>GOALS This college level course is designed to build appreciation for the complexity of the human body as well as an understanding of body parts and processes.</p>	<p>SR. THESIS CURRICULUM Grammar Workbook, A Manual for Writers, The Elements of Style</p> <p>GOALS Learn how to write and defend a scholarly paper</p> <p>ASSIGNMENTS Writing, Editing, Presenting.</p>	<p>LATIN 2/3 CURRICULUM Latin Alive! Reader</p> <p>ASSIGNMENTS Translation, composition, respond in Latin questions, tests.</p> <p>GOALS Read and discuss unabridged Latin from various authors for a better understanding of Latin and Roman culture. Learn to scan lyric as well as epic poetry, and do literary analyses.</p> <p>SPANISH IV CURRICULUM Navegando III (chs. 4-10), Leyendas Latinoamericanas</p> <p>ASSIGNMENTS review Spanish III (grammar and vocab), homework, independent vocab study, quizzes (two per chapter), chapter tests, Scripture recitation, semester final exam, Hispanic geography quizzes, writing assignments</p> <p>GOALS Become proficient in the grammatical concepts and vocab covered over the course of the two semesters, growing in reading fluency and comprehension, writing and verbal skills</p>
	SPECIAL EVENTS				
	<p>Senior class trip with headmaster, Sr. Roast, Hershey Park physics trip, statistics field trip, Washington DC field trip, Trip to NYC, Philadelphia, or Baltimore, proof of Euler's identity, calculus summary creative project, presentation: deceptive use of statistics in media, poster presentation: statistical study</p>				