



MEMORIA PRESS

NINTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

The study of literature demands full engagement with the text. This year begins with a chronological three-year study of British poetry, giving students a foundation for the progression of literature through history. The literature studied this year is all medieval verse and includes a review of medieval history for context. Socratic discussion is used to guide the student to the author's Central One Idea. Essays written in response to what students have read and discussed will continue to be honed and formalized.

Continuing to work through the *progymnasmata*, students will expand their ability to write expository essays with a focus on comparing and contrasting two ideas or personalities. Structure remains a point of focus as students compose essays through a series of incremental exercises culminating in a final, complete essay. Editorial process is a point of focus as students learn to examine drafts, making edits where necessary to improve clarity and flow. Arrangement and invention are further developed in this stage, building on previous years when these concepts were introduced. Essays composed this year require significant research.

Literary selections are utilized for further composition practice. Students are required to examine and analyze significant characters, themes, and ideas from major works of literature.

The study of English grammar is complete, but resources are available if students show weakness in this area. The year begins with a thorough review of Latin grammar. Focus of the Latin program this year is mastery of advanced syntactical concepts in preparation for translating Caesar next year.

Reading

Students will:

- Orally read with level-appropriate fluency, expression, and understanding
- Critically read and analyze
- Understand Old English and medieval time periods
- Understand essential elements and features of each poem studied (e.g., satire, irony, imagery, allegory)
- Acquire vocabulary from texts
- Develop in discussion and composition of comprehension questions
- Display discussion, contemplation, and composition of Socratic discussion questions
- Learn how to decipher and summarize the author's Central One Idea
- Be exposed to the great works of medieval literature
- Gain background knowledge of Shakespearean theater
- Memorize key passages

Composition

Students will:

- Develop research skills
- Master expository essay writing
- Expand style

- Compare and contrast ideas and personalities
- Develop skill of invention
- Expand arrangement
- Display greater grammatical expertise
- Expand use and understanding of figures of description and figures of speech

Penmanship

Students will:

- Continue to perfect legibility and beauty in handwritten material

Latin

Students will:

- Understand advanced Latin grammar and syntax
- Display mastery of vocabulary and grammar previously studied
- Complete important self-check
- Improve reading ability by working through many translation exercises
- Increase knowledge of syntax and vocabulary

Texts Used:

- **Memoria Press Literature Guides for *Beowulf*, *Sir Gawain and the Green Knight*, *The Canterbury Tales*, and *Henry V*** – Study guides include vocabulary lessons, comprehension questions, Socratic discussion questions, and various other language arts activities.
- **Memoria Press *The Book of the Middle Ages* by Dorothy Mills** – History of the medieval world from the fall of Rome until pre-Reformation times.
- **Memoria Press *Poetry, Prose, & Drama Set*** – British poetry anthology and study guides from the Old English and medieval periods. Each lesson takes you through four stages using the trivium as a guide to the Central One Idea. Supplemental reading on How to Teach a Poem, How to Read a Poem, and Memorization and Recitation of a Poem can be found in the Appendix of the Ninth Grade Curriculum Manual.
- **Memoria Press *Henle Latin II Set*** – Detailed lessons to guide you through the advanced grammar and syntax practice of Latin needed prior to translating longer works. Set includes *Henle II* text, key, lesson plans, and quizzes and tests.
- **Memoria Press *Latin Grammar for the Grammar Stage*** – Compendium of grammar forms and syntax.
- **Memoria Press *Classical Composition: Encomium, Invective, & Comparison Stage Set*** – Level VI of the *progymnasmata* method of teaching composition including thorough review of previous stages.

MATHEMATICS

Algebra II is considerably more difficult than Algebra I. Students at this level should have attained mastery of Algebra I, as they will be expected to learn primarily through reading and taking notes of key terms and ideas presented in the lesson and then working through sample problems. Of course, teachers should give guidance and clarity when needed as well as administer periodic quizzes and tests.

Students will:

- Evaluate algebraic expressions and writing equivalent expressions
- Find and use the slope of a line

- Find the composite of two functions
- Graph and solve systems of inequalities
- Recognize and factor certain polynomials
- Add, subtract, and multiply polynomials
- Use synthetic division
- Graph imaginary and complex numbers
- Graph and solve problems using quadratic equations
- Solve polynomial equations
- Simplify exponential and logarithmic functions
- Find the dimensions of a matrix
- Evaluate determinants
- Define sequences
- Compute the probability of a simple event
- Evaluate and use statistics and data analysis

Texts Used:

- *Prentice Hall Classics Algebra II* – Student text which provides examples, sample problems, and practice with various algebra skills.
- *Memoria Press Algebra II Quizzes & Tests* – Consumable test booklet for skills taught within the algebra course.
- *Memoria Press Algebra II Quizzes & Tests Key* – Answers to the student quiz and test book.

HISTORY AND GEOGRAPHY

The ninth grade year covers from the European discovery of America through the Reconstruction years, ending in 1877. Social, economic, and political issues are discussed, and understanding is ascertained through the provided comprehension questions and tests.

Students will:

- Master significant terms, dates, people, places, and battles
- Appreciate our American heritage and the subsequent cultural background knowledge, enabling students to converse intelligently in the public sphere
- Participate in in-depth discussions
- Write detailed essays
- Master the U.S. presidents in order, using proper spelling

Texts Used:

- *A Concise History of the American Republic, second edition* by **Morison, Commager, and Leuchtenburg** – Text of the people, places, and events that shaped America.
- *Memoria Press A Concise History of the American Republic Year 1 Student Guide and Teacher Guide* – Student consumable book and teacher answer key for use with the first part of *A Concise History*.

SCIENCE

Physical Science is an introduction to the more advanced sciences of high school from which students will continue to learn about the world around us and how it works. The text chosen provides a Christian perspective while ensuring necessary skills are acquired. Students will learn about the order and design in nature, energy, substances, forces, and laws as well as reactions and measurements.

Students will:

- Define scientific terms
- Apply math to the scientific concepts being learned
- Know key scientists who contributed to our understanding of the universe
- Assess case studies in order to integrate knowledge of theories
- Understand the difference between facts and theories
- Perform calculations using unit conversions
- Develop good problem-solving methods
- Solve a variety of equations such as volume, density, and acceleration
- Understand magnetism and its cause
- Make accurate measurements in experiments
- Learn how to eliminate experimental error when calculating in a science lab

Texts Used:

- *Novare Physical Science and Resource CD by John Mays* – Mastery-oriented physical science course complete with quizzes, exams, and a teacher key, as well as weekly review guides.

CLASSICAL STUDIES AND CHRISTIAN STUDIES

Building upon the previous study of major Roman figures, students continue with a historical overview of this key civilization. Then students spend half of this pivotal year immersed in a complete reading of Virgil's *Aeneid*. Concurrently, students study the 2,000 years of church history.

Students will:

- Understand background information about Virgil
- Have knowledge of key places and characters in Roman history
- Be familiar with the varied religious, historical, and genealogical information in Virgil
- Display critical reading and analysis
- Develop research skills
- Continue to progress with answering discussion and comprehension questions
- Be able to recognize maps of the ancient world
- Understand the introduction and have an appreciation of Virgil and epic literature
- Compose answers to in-depth questions
- Memorize key passages in Virgil
- Identify significant quotes from the text
- Understand diverse Christian traditions from different perspectives through the study of regional Christian history
- Read and analyze the history of Christianity

Texts Used:

- **Memoria Press *The Book of the Ancient Romans* by Dorothy Mills** – Text covering the stories of the history of Rome.
- **Memoria Press *The Book of the Ancient Romans Student Guide*** – Consumable book presenting facts to know and vocabulary as well as comprehension questions and map practice.
- **Memoria Press *The Book of the Ancient Romans Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *The Aeneid* translated by David West** – Virgil's epic story of the founding of Rome.
- **Memoria Press *The Aeneid Student Guide*** – Consumable book with key facts to know, quotes, vocabulary, maps, and comprehension questions.
- **Memoria Press *The Aeneid Teacher Guide*** – Answer key with quizzes and tests as well as a cumulative final.
- ***The Story of Christianity* by David Bentley Hart** – History of the rise and spread of Christianity.
- **Memoria Press *The Story of Christianity Student Guide*** – Consumable book with key facts to know, quotes, vocabulary, maps, and comprehension questions.
- **Memoria Press *The Story of Christianity Teacher Guide*** – Answer key with quizzes and tests.

LOGIC

The study of formal logic naturally follows a thorough grammar-based study of Latin. After a study of rightly ordered language should be a study of rightly ordered thoughts. Logic is the linguistic study of correct and incorrect reasoning which prepares students to think rationally and argue for their beliefs in a structured and ordered way.

Students will:

- Understand key terms, statements, categorical and hypothetical arguments
- Understand logical concepts: truth, validity, soundness, distribution of terms, and ways statements can be opposite or equivalent
- Understand the history of logic
- Understand syllogisms and the terminological and quantitative rules
- Display working knowledge of the components of an argument
- Produce clear and logical thinking that can be applied to a variety of historical texts and oral arguments
- Apply concepts through rigorous daily exercises ensuring mastery
- Demonstrate concise and precise reasoning skills

Texts Used:

- **Memoria Press *Traditional Logic I Text*** – Contains explanations and examples of introductory Aristotelian logic.
- **Memoria Press *Traditional Logic I Workbook*** – Consumable book with comprehension exercises.
- **Memoria Press *Traditional Logic I Quizzes & Tests*** – Consumable book of quizzes and tests for text material.
- **Memoria Press *Traditional Logic I Teacher Key*** – Provides information key including quizzes and tests.
- **Memoria Press *Traditional Logic II Text*** – Contains explanations and examples of Aristotelian logic, particularly categorical and hypothetical syllogisms.
- **Memoria Press *Traditional Logic II Workbook*** – Consumable book with comprehension exercises.
- **Memoria Press *Traditional Logic II Teacher Key*** – Provides information key including quizzes and tests.
- **Memoria Press *Traditional Logic II Quizzes & Final Exam*** – Consumable book of quizzes and final exam for text material.