



CATALYST CHRISTIAN ACADEMY

SEVENTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Reading changes this year as students continue to transition from the lower level in which they learn the mechanics of reading and knowledge necessary to interpret what they read to the logic-level thinking in which they begin drawing moral lessons and cultivating a love of good literature. They can now be expected to comprehend at both a literal and inferential level. Memorization and study of poems which are themed with the literature continue. The poetry book is finished upon completion of this level.

As with previous years, the *progymnasmata* provides the foundation for all composition instruction in seventh grade. Review of past concepts is provided at the start of the year, while the primary focus of new material is the creation of sound arguments. Rhetorical structures are created in the mind of students through the application of the six Heads of Purpose, allowing students to create arguments that follow a logical, cohesive structure. Students are required to compose essays of refutation as well as confirmation, assigned to remove individual bias from the development of the argument. Fictional stories are refuted/confirmed in order to allow for a focus on the process of refutation/confirmation rather than the idea itself. The process of composition continues to follow an ordered arrangement, providing an organized and intelligible structure to the student essays. Students continue to utilize figures of speech and description.

English grammar, in partnership with the Latin program, presents new grammar concepts while students with a thorough review of skills previously mastered. The challenge of mastery in English increases with the application of all the grammar rules. Students are required to analyze sentence structure through diagramming. Translation from Latin to English is dependent upon mastery of this ability to analyze components of sentence structure. *Third Form Latin* includes longer passages for translation which require an understanding of advanced grammatical concepts.

Reading

Students will:

- Orally read with fluency, expression, and understanding
- Express critical reading and analysis
- Memorize selections of poetry
- Comprehend at a literal and inferential level
- Decipher meaning of an unknown word using context clues
- Demonstrate vocabulary development
- Recognize plot components and characterization
- Become familiar with each book's time period

Composition

Students will:

- Produce an argumentative essay
- Display coherent, logical flow in arguments
- Display improved clarity of expression

- Refute and confirm persuasively
- Show advanced grammar in their writing
- Master the six Heads of Purpose and their use in arguing persuasively: Clarity, Consistency, Expediency, Plausibility, Possibility, Propriety
- Display advanced usage of figures of description and speech

Spelling

Students will:

- Master level-appropriate word lists
- Display increased facility with prefixes and suffixes
- Have working knowledge of English words of Latin, Greek, or French origin

Grammar

Students will:

- Master eight parts of speech
- Apply grammar rules
- Correctly use mechanics of writing
- Analyze sentence structure through diagramming
- Review previously learned capitalization, punctuation, and grammar rules
- Review phrases
- Know verbals, infinitives, gerunds, and participles
- Know appositives and reflexive, intensive, and demonstrative pronouns

Penmanship

Students will:

- Display continued improvement of legibility and beauty in handwritten material

Latin

Students will:

- Master the perfect system passive in all conjugations
- Understand imperatives
- Know 3rd declension adjectives of 1 and 3 terminations
- Understand the vocative case
- Master pronouns: 3rd person personal, demonstrative, reflexive, and intensive
- Master the subjunctive mood, active and passive, all conjugations
- Compare adjectives and adverbs (both regular and irregular)
- Work with syntax: subordinate purpose clauses, commands, subjunctive independent clauses
- Master over 200 new vocabulary words and English derivatives
- Be introduced to more advanced sentence translation, e.g., compound sentences, purpose clauses, hortatory subjunctive
- Translate longer passages (paragraphs)

Texts Used:

- **Memoria Press Literature Guides for *Anne of Green Gables, The Bronze Bow, The Hobbit, and The Trojan War (Student and Teacher)*** – Consumable study guides and teacher keys with activities that include vocabulary lessons, comprehension questions for each chapter, and various language arts activities.
- **Memoria Press *Poetry for the Grammar Stage (Student, Teacher, and Anthology)*** – Poetry selections to match the topics read in grade-level curriculum. The guides provide vocabulary work and include questions to help analyze the meanings of poems. Includes anthology of poems.
- ***Spelling Workout H (Student and Teacher)*** – Level-appropriate words for students to study meaning and phonetic makeup of list words.
- **Memoria Press *Third Form Latin (Text, Student, Teacher Manual and Key, Quizzes & Tests, Pronunciation CD, and Flashcards)*** – Latin grammar program which reviews the previous two levels of study with the addition of more advanced grammar with longer, more challenging translation passages.
- **Memoria Press *English Grammar Recitation (Handbook and Flashcards)*** – Concise manual containing 150 rules of English grammar, capitalization, and punctuation stated in the form of questions and examples, to be memorized and practiced with the accompanying workbook.
- **Memoria Press *English Grammar Recitation IV (Student and Teacher)*** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- ***Core Skills Language Arts 7*** – Student consumable workbook to be used as an independent practice supplement to both *Third Form Latin* and *English Grammar Recitation*.
- **Memoria Press *Classical Composition IV: Refutation/Confirmation (Student and Teacher)*** – Level IV of the *Classical Composition* series. Lessons in learning how to confirm or refute ideas presented in historical literature.

MATHEMATICS

During this stage in students' study of mathematics, there is a shift in focus from the concrete to the abstract. Addition, subtraction, multiplication, and division have been mastered, and progression in speed of computation has been assessed since first grade. Weekly speed drills are given to maintain the facts previously mastered so students remain quick and accurate. Pre-algebra begins the study in which students learn concepts like the Pythagorean theorem and square roots while continuing to work on fluency with fractions, decimals, and percents.

Students will:

- Gain continued practice in answering 100 written facts in two minutes
- Add, subtract, multiply, and divide integers with like signs
- Add, subtract, multiply, and divide integers with unlike signs
- Display fluency and accuracy with fractions, decimals, and percent
- Be introduced to algebraic expressions
- Know the Pythagorean theorem from Euclidean geometry
- Solve and simplify mathematical problems including variables
- Work with whole numbers
- Have a basic understanding of how to find the square root of a number

Texts Used:

- *College of the Redwoods Prealgebra (Textbook and Solutions Manual)* – Student text provides examples, sample problems, and practice with various pre-algebra skills. Complete solutions to the odd-numbered questions are found in the back of the book. *Solutions Manual* contains solutions to both odd and even problems from the student text.
- **Memoria Press *Pre-Algebra Quizzes & Tests (quiz booklet and Key)*** – Consumable test booklet for skills taught within the pre-algebra course. Key contains answers to the student quiz and test book.

HISTORY AND GEOGRAPHY

American history studies life in pre-colonial America through the modern era. The study provides a chronological picture of the founding of America through narratives of key people, places, and events that shaped our country.

This year, a comprehensive review of world geography is studied.

American/Modern Studies

Students will:

- Critically read and analyze
- Use primary sources
- Gain familiarity with famous Americans, places, and events from Leif Ericson through the fall of the Berlin wall
 - » Early North American explorers: Leif Ericson and Columbus
 - » Early colonization of America: Jamestown and Plymouth
 - » The settlement of the thirteen colonies
 - » The Declaration of Independence
 - » The War for Independence
- Demonstrate facility in research
- Master key dates
- Gain more thorough knowledge of the presidents
- Recognize notable quotes from Americans

Geography

Students will:

- Review world geography

Texts Used:

- **Memoria Press *The Story of the Thirteen Colonies & the Great Republic* by H. A. Guerber (edited by Memoria Press) (Text, Student, and Teacher)** – Covers American history from Columbus to the Spanish-American War. Consumable *Student Guide* contains comprehension questions, vocabulary, and important facts as well as enrichment activities, mapwork, drawings, research, and writing assignments. *Teacher Guide* includes answers to the student guide, quizzes, and tests.
 - **Memoria Press *American History Outline (Student and Teacher)*** – Used in conjunction with *The Story of the Thirteen Colonies and the Great Republic* text and guides to teach students how to recognize, organize, and retain key pieces of information from what they read.

- **Memoria Press 200 Questions About American History (Student, Teacher, and Flashcards)** – Consumable *Student Guide* includes comprehension questions and poems. *Teacher Guide* includes answers to the student guide questions and tests. Flashcard set based on the 200 questions study.
- **Memoria Press Geography & Timeline Review (Worksheets and Key)** – A cumulative review of the Christian Studies, Classical Studies, and Geography through Sixth Grade, adding in new information as it is learned in Seventh Grade.
- **Susan Wise Bauer's *The Story of the World Vol. 4*** – Student-level historical overview of the Modern Age.
- **Memoria Press Timeline Program** – Description listed below.

SCIENCE

Students are introduced to biology with an emphasis on botany through the study of trees. The second half of the year takes a look at all living things beginning with plants and culminating with a look at each group of animals.

Botany

Students will:

- Observe, diagram, and label plants and trees
- Understand basic botany
- Classify plants and identify their external characteristics (types, textures, shapes of leaves, flower structures and parts)
- Understand the internal parts of plant organs
- Understand photosynthesis and respiration
- Classify trees
- Demonstrate mastery on the subject of trees
- Know the characteristics of each animal class

Texts Used:

- **Memoria Press *The Book of Trees (Reader, Student, and Teacher)*** – Study of plant morphology and taxonomy. Consumable *Student Guide* includes comprehension questions, diagrams, enrichment activities, and field observations. *Teacher Guide* contains answer key and quizzes and tests.
 - *Peterson First Guide: Trees* – Supplemental field guide to aid in identification of specific trees.
 - *The Tree Book for Kids & Their Grown-Ups* – Supplemental diagrams, illustrations and background information for 33 different trees.
- **J. H. Tiner's *Exploring the World of Biology* and Memoria Press *Supplemental Student Questions and Teacher Key*** – Study on the science of all living things. Consumable student guide includes supplemental review questions and teacher companion includes unit reviews and tests.

CLASSICAL STUDIES

Students delve into the lives of notable Greeks through stories detailing the rise, the Golden Age, and the conquest of Greece. They prepare for a study of the Greek language by mastering the Greek alphabet. Students memorize "Horatius at the Bridge," an epic 70-stanza poem, in emulation of Winston Churchill.

Students will:

- Master the names and descriptions of famous heroes and statesmen of Greek history
- Give character synopses
- Properly form the Greek alphabet including diphthongs
- Recognize, pronounce, and transliterate simple Greek words
- Display facility and accuracy in memorization including proper pace, enunciation, and expression when reciting poetry

Texts Used:

- **Memoria Press *Famous Men of Greece (Text, Student, Teacher, and Flashcards)*** – Text covering the stories of heroes, statesmen, and events in Greek history. Consumable *Student Guide* presents facts to know and vocabulary as well as comprehension questions and map practice. *Teacher Guide* provides answer key and quizzes and tests. Fact cards for independent review.
- **Memoria Press *The Greek Alphabet Book (Student and Teacher)*** – Introductory study of the Greek language through learning the alphabet, including formation and sounds.
- **Memoria Press *Horatius at the Bridge (Text, Student, and Teacher)*** – Text includes the full ballad, comprehensive *Student Guide* includes vocabulary help, maps, character and plot synopses, meter, and comprehension questions. *Teacher Guide* contains teaching guidelines and a test.
- **Memoria Press *Timeline Program*** – Description listed below.

CHRISTIAN STUDIES

Christian Studies in the seventh grade is a yearlong, comprehensive overview of the Bible. Prominent themes are highlighted, Scripture is reviewed, and drill questions are mastered.

Students will:

- Know key figures, facts, and events
- Outline each book of the Bible
- Name the author and time period of each book of the Bible
- Give a framework for understanding Salvation History
- Understand key biblical people, places, terms, and dates
- Memorize Scripture

Texts Used:

- **Memoria Press *Christian Studies IV (Reader, Student, and Teacher)*** – Reader includes an overview of each book of the Bible. Consumable *Student Guide* includes weekly memory verses, map and timeline work, drill and discussion questions, and review lessons. *Teacher Guide* contains discussion prompts, quizzes, and tests.
- **Memoria Press *Timeline Program*** – Multigrade timeline set includes: *Wall Cards* for timeline display; *Flashcards* for independent study; *Handbook* including teaching guidelines with charts by grade; and *Composition & Sketchbook* for students including a spread for each event with a page for written retelling and a page for illustration. Set covering events from Christian Studies, Classical Studies, and American/Modern Studies takes five years to complete.