

Classical Core
Curriculum



SCOPE
— & —
SEQUENCE

Published by



MEMORIA PRESS



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SCOPE & SEQUENCE

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KINDERGARTEN SCOPE & SEQUENCE

LANGUAGE ARTS

Language arts is a broad subject used to describe the elements of English and how students use them. This collective includes subordinate yet interwoven subjects dependent upon one another for success with the English language as a whole. New concepts in Phonics, Reading, Writing, and Spelling as well as Grammar should be continually reviewed once that concept has been introduced and initially practiced. Expectation is for age-appropriate mastery of each skill. Research suggests instruction in phonics is most effective when students are given practice reading, which includes both decoding and comprehension, and writing, which is the encoding of sounds, with words; we give practice with both. Writing includes more than just penmanship. It is learning how to form letters, group those letters into words, copy words and sentences accurately, and then write letters, words, and sentences correctly. Spelling begins with practice writing each newly introduced phonogram to build a neurological pathway, paving the way to eventual mastery. This mastery is achieved through subsequent reading, writing, and spelling activities.

Due to the methods by which we present our materials, separate standards for listening and speaking are not necessary. Most of our subjects through the Grammar School begin with oral recitation. As the students matriculate, expectations advance as well. Students are given opportunities to speak in front of their classmates daily beginning in junior kindergarten. Likewise, all lessons are teacher directed and paced to ensure all students are actively listening and participating. Whether in a kindergarten craft class in which they progress step by step through the activity or in a phonics lesson in which ear training occurs, to high school-level Socratic discussions, listening skills are being taught and honed. There is no point at which students are not actively listening. Lesson pace does not allow for this! Each year, active listening is ensured and tested through the discussion of lessons.

Phonics

Students will:

- Recognize each letter of the alphabet and assign its correct sound
- Have working knowledge, both oral and written, of 35 essential English phonograms
- Understand and demonstrate ability to rhyme

Reading

Students will:

- Understand left to right progression
- Master short vowel (CVC) words through decoding (reading)
- Be able to read 67 common sight words, basic number words, and color words
- Demonstrate individual progression with speed, fluency, and expression when reading
- Have the ability to answer simple questions about a text they have read
- Follow a storyline in a book above their personal reading level
- Correctly use vocabulary above their individual reading level
- Have the ability to correctly predict events within a story
- Be able to orally retell a story in narrative format

- Recognize main characters, setting, and basic plot of a narrative
- Recall facts from a nonfiction story and be able to verbalize how they relate to subject matter

Writing

Students will:

- Understand that what is said orally can be written by the encoding of sounds
- Neatly write all letters and numbers using correct formation
- Accurately and neatly copy text from the line above to the line below

Spelling

Students will:

- Write correct letter to sound correspondence for all letters of the alphabet
- Encode CVC words dictated to them

Grammar

Students will:

- Understand the basic attributes of sentence structure
- Recognize three sentence end marks (period, question mark, exclamation point) and know when to use them
- Use and understand capitalization at the beginning of a sentence, for the pronoun "I," and for the name of a person
- Understand the basic attributes of sentence structure including capitalization and punctuation
- Identify plurals and possessives

Texts Used:

- **Memoria Press Classical Phonics** – The 44 phonograms of the English language and many other spellings of these phonograms divided into lists of words and word families. A methodical presentation of phonics.
- **Memoria Press Phonics Flashcards** – Set of cards each containing either a phonogram or spelling of a phonogram in isolation with picture clue on one side and words with the sound on the other. Also includes 112 common sight word cards.
- **Memoria Press First Start Reading Books A-D** – Consumable student workbooks which cover introduction of letters and their sounds, instruction on how to write the letters in manuscript, how to hear the sound of each in isolation, and formation of the letter in each lesson. *Book D* assumes mastery of short vowels and covers introduction of long vowel with the silent e, consonant blends, and h-team (ch, th, sh, wh).
- **Core Skills Phonics K and Core Skills Phonics 1** – Consumable student workbooks that are used as either teacher-led class review of skills introduced in *First Start Reading* or as independent review practice of letters and sounds.
- **Fun in the Sun** – Reading practice with CVC, short vowel words.
- **Scamp and Tramp** – Reading practice with short vowel words and consonant blends and teams.
- **Soft and White** – Reading practice with long vowel, silent e words, and transitioning between those and words with short vowels.
- **Primary Phonics Readers (Optional)** – Readers that give phonetic reading practice with individualized sounds. (Set 1: short vowels; Set 2: long vowels both silent e and vowel teams; Set 3: consonant blends, compound words, and two-syllable words; Set 4: consonant teams and r-controlled vowels.)
- **Memoria Press Copybook I** – Penmanship, basic grammar, spelling, literature, accuracy, attention to detail, and memorization through more than 35 passages of Scripture or poetry.

MATHEMATICS

In primary-level mathematics, mastery of addition and subtraction is key. Of the four concrete operations, the main focus of daily work is only upon these two. Through introduction, practice, and consistent review, mastery of these facts can be attained in both written and oral format. Then, by seventh grade when students are able to understand abstract math concepts, they expend no time or brain energy on calculation of concrete operations, but all attention is toward learning the new material. After oral mastery of the operations has been displayed, work should be done on the speed at which a correct answer is written. Though other math-related skills are introduced at each level, some form of practice each day should be devoted to sums and differences.

Number Sense and Numbers

Students will:

- Count to 100 by 1's
- Recognize and write numbers to 100
- Use and understand ordinal numbers
- Skip count to 100 by 2's, 5's, and 10's
- Give "before" or "after" numbers
- Put numbers in order from least to greatest
- Use the symbols $<$, $=$, $>$ correctly
- Interpret pictographs
- Accurately count groups of things
- Understand distinction between odd and even numbers
- Display awareness of numerical value of English prefixes
- Distinguish between whole and half of an object
- Have working knowledge of $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ in relation to a whole

Computation

Students will:

- Exhibit mastery of addition facts through the seven family and subtraction facts through the six family in both written and oral format
- Solve basic word problems

Money

Students will:

- Identify coins and their value
- Identify the dollar bill
- Know the relation of coins to a dollar
- Identify both \$ and ¢ symbols
- Write money amounts using the ¢ symbol
- Describe the visual distinctions between the coins

Time

Students will:

- Identify the attributes of both an analog and digital clock
- Tell time to the hour and half hour on both analog and digital clock

- Understand orientation in time, today, yesterday, tomorrow
- Know how to read a calendar
- Recite the days of the week and the months of the year

Measurement

Students will:

- Compare height (taller, shorter), length (longer, shorter), volume (full, empty), weight (heavier, lighter), temperature (hotter, colder)
- Recognize and know the use of measurement tools: ruler, scale, and thermometer
- Read a thermometer

Geometry

Students will:

- Recognize basic shapes
- Understand the attributes of basic shapes
- Identify patterns

Texts Used:

- *Rod & Staff Grade 1 Workbook 1* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher's Manual*.
- *Rod & Staff Grade 1 Teacher's Manual* – Teacher book containing answers to student workbook as well as scripted lessons and templates to aid in introduction of concepts.
- *Rod & Staff Grade 1 Practice Sheets* – Reproducible pages of skills taught within the lessons of *Rod & Staff Grade 1*.
- **Memoria Press Numbers Books 1 and 2** – Practice pages of math skills key to numeric literacy not covered at this level in math books.
- *Addition and Subtraction Flashcards* – Typical flashcards for use with *Rod & Staff* lessons.

HISTORY, GEOGRAPHY, AND CULTURAL STUDIES

Children of this age group learn best through observation and discussion within a structured environment. It is precisely for this reason that the majority of work done within this branch of study is based around a theme gleaned from our weekly read-aloud. This read-aloud selection is typically fictional in nature but is a classic work used to capture interest. From each of these weekly books, a history, geography, or cultural studies theme is extracted and further developed through the reading of an expository selection on that theme. Activities for social studies themes always culminate with a teacher-led discussion of the subject.

Students will:

- Name and locate on a map the seven continents and five oceans
- Locate the United States and their own state on a map
- Know their state's capital
- Recognize and know the significance of both the equator and compass rose
- Compare and contrast
- Demonstrate basic calendar skills
- Understand simple processes, such as how we get our milk

- Recognize the symbols of our country (flag, eagle, Statue of Liberty)
- Know basic attributes of their home city and state (capital, map location, distinctive geography or event)
- Describe the American flag in detail and know its basic history
- Know the role of each in the history of America: Columbus, the Pilgrims, Native Americans, and our Founding Fathers
- Know that there were thirteen original colonies
- Describe what life was like in early America, New England
- Have a working knowledge of major holidays and when they occur

Texts Used:

- **Memoria Press Kindergarten Enrichment Guide** – Teacher's guide containing activities and discussion questions for elevating the cultural literacy of students. To be used in coordination with the kindergarten read-aloud sets.
- **Memoria Press Kindergarten Read-Aloud Set** – Selection of books on the student's listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- **Memoria Press Kindergarten Science & Enrichment Set** – Group of books with either science or social studies material.

SCIENCE

There is a plethora of variety to be found in nature. Students this age have a natural curiosity for the world around them and its creatures. When we take this natural wonder and expose students to the order and beauty of their world through either observation or listening to an expository text, students will best engage in age-appropriate scientific study. Memorization of some facts can be beneficial as the students frequently categorize and relate the world to themselves. Therefore, at this stage, no written assessments are given over science concepts mastered. As with the study of History, Geography, and Cultural Studies, a science-based theme is derived from the weekly read-aloud book. Any observations or activities are always followed by teacher-led discussions.

Students will:

- Participate well in age-appropriate group discussions
- Know the attributes of mammals, reptiles, and amphibians
- Understand the attributes of the four seasons
- Demonstrate knowledge of the stages of metamorphosis
- Have basic knowledge of the natural world
- Gain fine motor skills by coloring and learn about various animals as they learn each letter of the alphabet

Texts Used:

- **Memoria Press Kindergarten Enrichment Guide** – Description listed above.
- **Memoria Press Kindergarten Read-Aloud Set** – Description listed above.
- **Memoria Press Kindergarten Science & Enrichment Set** – Description listed above.
- **Christian Liberty Nature Reader** – Detailed descriptions of an animal whose name begins with each letter of the alphabet.
- **Animal Alphabet** – Consumable student coloring book. To be used in coordination with *Christian Liberty Nature Reader*. Each page focuses on a letter of the alphabet and animals whose names begin with that letter. Provides fine motor skill practice as well.

FINE ARTS AND POETRY

Studies indicate students should be exposed to the elevated language and the advanced sentence structure of books that are at least two reading levels above their individual reading ability; this is their listening level. We therefore selected a classic book at the student's listening level to be the read-aloud focus book for the week. This book is read multiple times for best results. All History, Geography, Cultural Studies, Science, Poetry, and Art are thematically tied to this read-aloud. Information about the read-aloud's author and illustrator as well as before and after reading activities are included. Many of the week's lessons include the reinforcement of a language lesson. The poetry study covers either a classic poem or one about an animal from the story. Students will be exposed to a variety of poets and styles with brief biographies of many. Each week also includes a famous art piece which could be from any of the major art periods, as all will be represented. Information on the artist and the piece is given as a springboard to further discussion and observation of the actual artwork. The classical music selections are not as easily tied to the read-aloud theme, but the diversification of study covers each period and type of music. Exposure is the goal. Students and parents alike enjoy the introduction to these fine arts.

Students will:

- Gain exposure to 34 famous art pieces from a variety of artists and art periods
- Gain exposure to 34 classical music pieces from a variety of composers from each period
- Gain exposure to 34 poems from hearing a variety of poets
- Be exposed to elevated language and advanced vocabulary
- Create art using a variety of media

Texts Used:

- **Memoria Press Kindergarten Enrichment Guide** – Description listed above.
- **Memoria Press Kindergarten Read-Aloud Set** – Description listed above.
- **Memoria Press Art Cards** – Each card in this set of 34 shows a piece of art on one side and brief description on the other.
- **Memoria Press Art Posters** – Larger version of each art card.
- **Memoria Press Music Enrichment** – Book used in kindergarten through second grade describing each music selection, a brief biography of the composer, and guided study questions.
- **Memoria Press Kindergarten Book of Crafts** – A compilation of directions for simple crafts that coordinate with the read-aloud selection. Additional concept crafts are also included.
- **Animals, Animals by Eric Carle** – Various types of poetry about animals make up this compilation.
- **A Child's Book of Poems by Gyo Fujikawa** – Book of children's poems from a variety of authors.

CHRISTIAN STUDIES

The study of our history and heritage as Christians can and should be a key pillar of our studies. After all, one reason we teach our children to read or learn their math facts or observe nature is to train them to recognize and emulate the perfect example of truth, goodness, and beauty. By studying the story of salvation, we are training them in the way they should go. We learn by looking at history and using the examples therein. Through Scripture memorization, we are equipping our students with knowledge that will always be with them regardless of their circumstance. Doctrine will not be taught but is left up to the church, family, and particular school.

Students will:

- Hear and discuss Bible stories from Creation through the death of Moses
- Memorize thirteen Scripture verses and three prayers

Texts Used:

- *The Story Bible* – Age-appropriate book of chronological Bible stories.
- **Memoria Press *Christian Studies Enrichment*** – Book used in kindergarten through second grade providing vocabulary and comprehension questions to be coupled with *The Story Bible*.
- **Memoria Press *Copybook I*** – Description listed above.



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FIRST GRADE SCOPE & SEQUENCE

LANGUAGE ARTS

The reading portion of language arts changes in the first grade. Rather than advancing reading skills through letter/sound introduction with immediate practice blending, writing, and reading from primarily phonetic stories, we need to begin giving students practice with varied literature. Phonetic reading practice can be given at this stage too, when needed, though most reading should be primarily with literature as the transitions needed to read real literature require years of practice. This year should begin with simple readers and then progress into more challenging stories with longer sentences and some unfamiliar vocabulary. Success with these books comes through practice syllabifying and decoding words pulled directly from the scheduled reading sections. First, words are broken into syllables and even grouped with others containing like phonograms. Vocabulary is key to understanding the text and should be studied prior to reading by teaching how to use context clues to ascertain meaning. Next, words should be read several times and written before finally reading them within the context of the story.

Comprehension questions should be discussed as a class. Written answers to comprehension questions are the perfect venue for practicing all the components of proper English. Sentence structure, grammar, capitalization, and punctuation can all be developed and practiced while answering and writing teacher-guided comprehension questions.

Once a student has had practice decoding words in order to read, he must learn how to encode words in his writing to display true mastery of phonics. At the kindergarten level, encoding was from letter sounds that a student could hear to give the necessary foundation of letter to sound correspondence. Now that there is some familiarity with the English language, and the irregularities within it, spelling must transition to word study for patterns through memorization. This mastery is gained by reading with the spelling words, writing them, and doing a comprehensive study of the phonetic chunks within the words.

First grade is the ideal time to begin cursive. Students have mastered printing the English alphabet and are ready for a challenge. Cursive is the perfect foreign language for this age. Early enforcement with the proper penmanship mechanics, correct letter formation, pencil grip, paper position, and posture is best solidified at a young age and then practiced and perfected through their school tenure. Writing is the one skill, unfortunately, that oftentimes is allowed to be substandard.

Phonics

Students will:

- Master CVC, CVCC words, silent e and long vowel teams, schwa, and rhyming
- Have working knowledge, both oral and written, of all 44 English phonograms
- Demonstrate mastery of letter sounds, short vowels, long vowels with silent e, long vowel teams, consonant blends, consonant digraphs, r-controlled vowels
- Have working knowledge of diphthongs, homonyms, contractions, and compound words
- Answer oral questions in complete sentences

Reading

Students will:

- Demonstrate individual reading progression with speed, fluency, and expression
- Answer simple questions about a text independently read
- Follow a storyline in a book above their personal reading level
- Use vocabulary above their individual reading level
- Know how to correctly predict events within a story
- Compare and contrast aspects of a story
- Orally retell a story in narrative format
- Recall facts from a nonfiction story and be able to verbalize how they relate to subject matter
- Decode words within real literature
- Use a Table of Contents
- Recognize plot, setting, characters, author, and illustrator of a story
- Sequence events from a story

Writing

Students will:

- Be able to legibly write all letters in cursive using correct formation
- Form letter connections in cursive correctly
- Accurately and neatly copy text from the page above to the page below
- Correctly copy from the board to paper
- Write in complete sentences
- Read something written in cursive
- Maintain correct manuscript

Spelling

Students will:

- Encode level-appropriate spelling words
- Spell these words correctly in writing

Grammar

Students will:

- Introduce verbs and their tenses
- Introduce adjectives and articles
- Introduce common and proper nouns
- Use possession and abbreviations
- Identify the four types of sentences
- Recognize and use correct punctuation and capitalization

Texts Used:

- **Memoria Press *Classical Phonics*** – The 44 phonograms of the English language and many other spellings of these phonograms divided into lists of words and word families. A methodical presentation of phonics.

- **Memoria Press Phonics Flashcards** – Set of cards each containing either a phonogram or spelling of a phonogram in isolation with picture clue on one side and words with the sound on the other. Also includes 112 common sight word cards.
- **Memoria Press First Start Reading Book E** – Consumable student workbook which covers, from introduction to mastery, two-vowel teams for each vowel sound, soft c, soft g, and the three sounds of y. Practice is given to recognizing, reading, writing, and dictation within each lesson.
- **Core Skills Phonics 2** – Consumable student workbook that is used as either teacher-led class review of skills introduced in *First Start Reading* and *Traditional Spelling* or as independent review practice of sounds.
- **Memoria Press StoryTime Treasures** – Consumable primary-level reader study guide for a collection of four stories. This study covers a partial year and progresses in difficulty.
- **Memoria Press More StoryTime Treasures** – The second half of first grade reader study guide for a collection of seven stories. This study progresses in difficulty.
- **Primary Phonics Readers (Optional)** – Readers that give phonetic reading practice with individualized sounds. (Set 2: long vowels both silent e and vowel teams; Set 5: digraphs; Set 6: soft c and g, digraphs, diphthongs.)
- **Memoria Press Copybook II** – Penmanship, basic grammar, spelling, literature, accuracy, attention to detail, and memorization of eighteen passages of Scripture and five multi-stanza poems; includes practice copying from the page above to the page below.
- **Memoria Press New American Cursive 1** – Workbook introducing students to proper formation of cursive letters and connections.
- **Memoria Press Traditional Spelling I** – Introductory spelling program that is a phonetic approach. Lessons include a Phonics Focus, comprehensive word study of each list word, grouping of words by vowels or vowel teams and then again by consonant blends or teams, color-coding of words, reading with the words, and dictation of phonograms within the words and the words within a sentence.
- **Memoria Press Composition and Sketchbook II** – This book is used for practice composing, writing, and illustrating the student's ideas. Each page has the top half as dedicated illustration space and the bottom half lined for composition.

MATHEMATICS

Continued work toward mastery is the focus of primary-level mathematics in addition and subtraction. Of the four concrete operations, most daily work is upon these two. Written speed is timed beginning at this level both to challenge students and to monitor their progression. Oral mastery of addition and subtraction should still be practiced and reviewed, though other math-related skills that were introduced at the kindergarten level are built upon. Previous skills are reviewed, but expansion of these skills is practiced along with daily work on addition and subtraction.

Number Sense and Numbers

Students will:

- Count and write numbers to 100 and beyond by 1's
- Skip count and write numbers by 2's, 5's, 10's, and 25's
- Count and write numbers by 10's to 200
- Count backward
- Master reading number words to ten
- Give "between" numbers
- Find missing numbers of a group

- Understand place value to the 100's
- Put numbers in order from least to greatest
- Use the symbols $<$, $=$, $>$ correctly
- Interpret pictographs
- Understand distinction between odd and even numbers
- Understand that a fraction is part of a whole, denominator and equality of fractional parts
- Display mastery of $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ in relation to a whole
- Display working knowledge of $\frac{2}{3}$, $\frac{2}{4}$, $\frac{3}{4}$
- Know the amount in a dozen

Computation

Students will:

- Exhibit mastery of addition and subtraction facts through the ten family in both written and oral format
- Solve basic word problems
- Recite facts by memory without using the term "equals"
- Solve flashcards in both oral and written format
- Identify the math twin of a fact given
- Solve story problems
- Solve two-digit addition (with three-digit answers)
- Solve two-digit subtraction
- Understand number triplets (an alternate way of learning addition other than fact families)
- Solve column addition

Money

Students will:

- Identify coins and their value
- Count a mixed group of coins
- Write money amounts using the ¢ symbol
- Describe the visual distinctions between the coins

Time

Students will:

- Tell time to the hour and half hour on both analog and digital clock
- Recite the days of the week and the months of the year
- Use the terms midnight and noon

Measurement

Students will:

- Understand inches, feet, cups, pints, quarts
- Correctly read a thermometer

Geometry

Students will:

- Know basic shapes and shape words
- Understand the attributes of basic shapes

Texts Used:

- *Rod & Staff Grade 1 Workbook 1* (for a brief review at the start of the year) – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher’s Manual*.
- *Rod & Staff Grade 1 Workbook 2* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher’s Manual*.
- *Rod & Staff Grade 1 Teacher’s Manual* – Teacher book containing answers to student workbook and speed drills as well as scripted lessons and templates to aid in introduction of concepts.
- *Rod & Staff Grade 1 Practice Sheets* – Reproducible pages of skills taught within the lessons of *Rod & Staff Grade 1*.
- *Rod & Staff Grade 1 Speed Drills* – Consumable book of speed drills with one side for practice of problems missed in the timed drill.
- *Addition and Subtraction Flashcards* – Typical flashcards for use with *Rod & Staff* lessons.

HISTORY, GEOGRAPHY, AND CULTURAL STUDIES

Children of this age group learn best through observation and discussion. It is precisely for this reason that the majority of work done within this branch of study is based around a theme gleaned from our weekly read-aloud. This read-aloud selection is typically fictional in nature but is a classic work used to capture interest. From each of these weekly books, a history, geography, or cultural studies theme is extracted and further developed through the reading of an expository selection on that theme. Activities for social studies themes always culminate with a teacher-led discussion of the subject.

Students will:

- Understand the major holidays in the United States and know the month in which they occur
- Identify many of the U.S. presidents by name
- Recognize the National Anthem and other symbols of the United States
- Understand emergency services available in their community
- Know the history and founding of America, Pilgrims, and the early colonies
- Recognize basic landform characteristics
- Identify time zones
- Gain familiarity with basic mythology
- Gain familiarity with world cultures, specifically Russian and Australian

Texts Used:

- *Memoria Press First Grade Enrichment Guide* – Teacher’s guide containing activities and discussion questions for elevating the cultural literacy of students. To be used in coordination with the first grade read-aloud sets.
- *Memoria Press First Grade Read-Aloud Set* – Selection of books on the student’s listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- *Memoria Press First Grade Science & Enrichment Set* – Group of books with either science or social studies material.

SCIENCE

Students continue to be fascinated with their immediate surroundings and learn best by exploring within their environment. This natural curiosity is expanded further with guided introduction of unknown topics. Science at this age is still relating the world to the student with exposure to new concepts. Therefore, at this stage, no written assessments are given over science concepts mastered. As with the study of History, Geography, and Cultural Studies, a science-based theme is derived from the weekly read-aloud book. Any observations or activities are always followed by teacher-led discussions.

Students will:

- Participate well in group discussions
- Know the characteristics of mammals, reptiles, and amphibians
- Know the characteristics of trees and other plants
- Understand biomes
- Demonstrate knowledge of basic machines
- Have basic knowledge of the human body and how to maintain good health
- Know the phases of the moon
- Have a working knowledge of weather

Texts Used:

- **Memoria Press *First Grade Enrichment Guide*** – Description listed above.
- **Memoria Press *First Grade Read-Aloud Set*** – Description listed above.
- **Memoria Press *First Grade Science & Enrichment Set*** – Description listed above.

FINE ARTS AND POETRY

Students will have continued exposure to the elevated language and the advanced sentence structure of books that are at least two reading levels above their individual reading ability. Selected classic books at student listening level are the read-aloud focus for each week. The book is read multiple times for best results. All History, Geography, Cultural Studies, Science, Poetry, and Art are thematically tied to this read-aloud. Information about the read-aloud's author and illustrator as well as before and after reading activities are included. Many of the week's lessons include the reinforcement of a language lesson. The poetry study covers either a classic poem or one about an animal from the story. Students will be exposed to a variety of poets and styles with brief biographies of many. Each week also includes a famous art piece which could be from any of the major art periods, as all will be represented. Information on the artist and the piece is given as a springboard to further discussion and observation of the actual artwork. The classical music selections are not as easily tied to the read-aloud theme, but the diversification of study covers each period and type of music. Exposure is the goal. Students and parents alike enjoy the introduction to these fine arts.

Students will:

- Gain exposure to 34 famous art pieces from a variety of artists and art periods
- Gain exposure to 34 classical music pieces from a variety of composers from each period
- Gain exposure to a variety of poems and poets
- Be exposed to elevated language and advanced vocabulary
- Create art using a variety of media

Texts Used:

- **Memoria Press *First Grade Enrichment Guide*** – Description listed above.
- **Memoria Press *First Grade Read-Aloud Set*** – Description listed above.
- **Memoria Press *Art Cards*** – Each card in this set of 34 shows a piece of art on one side and brief description on the other.
- **Memoria Press *Art Posters*** – Larger version of each art card.
- **Memoria Press *Music Enrichment*** – Book used in kindergarten through second grade describing each music selection, a brief biography of the composer, and guided study questions.
- **Memoria Press *First Grade Book of Crafts*** – A compilation of directions for simple crafts that coordinate with the read-aloud selection. Additional concept crafts are also included.
- ***Animals, Animals* by Eric Carle** – Various types of poetry about animals make up this compilation.
- ***A Child's Book of Poems* by Gyo Fujikawa** – Book of children's poems from a variety of authors.

CHRISTIAN STUDIES

Continuing the study of our history and heritage as Christians, this year's focus is from the entrance into Canaan through the end of the Old Testament. Many of the verses memorized within this year are ones subsequent to those mastered in kindergarten, thus expanding from the one verse to two or three. This equips students with a more complete contextual knowledge to enhance meaning and give understanding to previously mastered material.

Students will:

- Understand and discuss Bible stories from the entrance into Canaan through the end of the Old Testament
- Memorize seventeen Scripture verses, the Doxology, and the twelve apostles

Texts Used:

- ***The Story Bible*** – Age-appropriate book of chronological Bible stories.
- **Memoria Press *Christian Studies Enrichment*** – Book used in kindergarten through second grade providing vocabulary and comprehension questions to be coupled with *The Story Bible*.
- **Memoria Press *Copybook II*** – Description listed above.



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SECOND GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Our approach to reading at this level includes systematic phonics and daily exposure to good literature. Phonics lessons should be pulled directly from the student's reading text for visual memory to be strengthened. Choosing good books for this reading instruction captivates the imagination, motivates students to want to be readers, and teaches vocabulary, a fascination with words, geography, history, science, and most importantly, the condition of human life. Good books open children's minds. For these reasons, we suggest reading practice be from the varied language of classic literature. The reading program continues development of skills requiring an active, discriminating mind that is challenged to think, compare, and contrast. Students who have been challenged by good literature will never be satisfied with the poor quality of books that are so readily available today. Using a study guide allows for focus on vocabulary, spelling, comprehension, and composition skills.

Expository reading should be added at this level. Students are comfortable reading to follow a storyline, so reading for information should begin at this stage of reading progression.

Spelling should still be taught with phonics as a basis. The study and mastery of the 44 English phonograms by the end of this grade are critical, as subsequent years build upon these sounds.

Students should have completed an introductory course in cursive prior to this level. After a few weeks reviewing connections and letter formation, transition to the exclusive use of cursive in every subject is the goal. Continued focus toward mastery of the 3 P's (posture, pencil grip, paper position) and the 3 S's (size, slant, spacing) is gained through daily practice.

Capitalization and punctuation skills can be honed through copywork and the everyday activities within the literature study guides such as answering comprehension questions within a workbook. This activity can also further mastery of proper grammar and sentence structure.

It is through the study and memorization of Latin that students learn the English parts of speech. Latin will be the conduit for eventual mastery of English grammar. Its goal is to teach and reinforce an understanding of the basic parts of speech while introducing basic Latin vocabulary and grammar.

Phonics

Students will:

- Demonstrate mastery of hard and soft c and g, long vowel teams, consonant digraphs, consonant blends, vowels with "y," plurals (both regular and irregular), root (base) words, and diphthongs
- Have working knowledge of prefixes, suffixes, and homonyms
- Know basic syllabication rules
- Locate phonetic chunks within both single syllable and multisyllabic words
- Recognize incomplete sentences
- Master formulating and writing complete sentences

Reading

Students will:

- Understand complex poems in teacher-led discussions
- Compare and contrast ideas

- Sequence events within a reading
- Distinguish between fact and fiction
- Gain exposure to a variety of literary genres
- Understand the attributes of folk tales
- Use context clues to attain meaning of unfamiliar vocabulary
- Continue oral reading improvement with regard to decoding, speed, fluency, and expression
- Gain exposure to lengthy poems
- Determine meaning of advanced English vocabulary (derivatives) by recognition of Latin root

Writing

Students will:

- Know formation of cursive letters with correct connections and display fluency in writing
- Implement the 3 P's and 3 S's in writing
- Complete conversion to all cursive in all subjects by end of the year
- Be introduced to a friendly letter
- Be introduced to poetry composition
- Be exposed to paragraph writing and descriptive paragraphs

Spelling

Students will:

- Demonstrate mastery of phonograms introduced through encoding of weekly word lists

Grammar

Students will:

- Display mastery of introduction to the eight parts of speech by recitation
- Give examples for the eight parts of speech

Latin

Students will:

- Master 125 Latin vocabulary words
- Memorize 20 lines of Latin prayers
- Master 25 practical Latin sayings

Texts Used:

- **Memoria Press *Classical Phonics*** – The 44 phonograms of the English language and many other spellings of these phonograms divided into lists of words and word families. A methodical presentation of phonics.
- **Memoria Press *Phonics Flashcards*** – Set of cards each containing either a phonogram or spelling of a phonogram in isolation with picture clue on one side and words with the sound on the other. Also includes 112 common sight word cards.
- **Memoria Press Literature Guides for *Animal Folk Tales of America, Prairie School, The Courage of Sarah Noble, Little House in the Big Woods, and Tales from Beatrix Potter*** – Consumable primary-level study guide. Activities include phonetic and vocabulary lessons in preparation to read and comprehension questions for each chapter. Other language arts skills are honed within the various activities.
- **Memoria Press *Copybook Cursive I*** – Penmanship, basic grammar, spelling, literature, accuracy,

attention to detail, and memorization of 26 passages of Scripture, one complete psalm, the twelve tribes of Israel, the books of the Old Testament, and four multi-stanza poems. Includes practice copying from the page above to the page below.

- **Memoria Press *New American Cursive 2*** – Workbook that provides cursive formation review and thorough practice of connection skills.
- **Memoria Press *Traditional Spelling II*** – Program that is a phonetic approach to spelling. Lessons include a Phonics Focus, comprehensive word study of each list word, grouping of words by vowels or vowel teams and then again by consonant blends or teams, color-coding of words, reading with the words, and dictation of phonograms within the words and the words within a sentence.
- **Memoria Press *Composition and Sketchbook II*** – This book is used for practice composing, writing, and illustrating the student's ideas. Each page has the top half as dedicated illustration space and the bottom half lined for composition.
- **Memoria Press *Prima Latina*** – Preparatory Latin course with instruction in English grammar and introductory Latin. Students learn five vocabulary words, a Latin saying, and a few lines of a prayer each week in addition to the English parts of speech.

MATHEMATICS

Mastery of the addition and subtraction facts through the eighteen family should be reached by the end of this year. Through all the number sense activities practiced in kindergarten and first grade coupled with early memorization and practice with a few fact families, students should have a firm foundation with the facts and can focus on building speed. This progression should be evident in written speed in answering these facts. By introducing borrowing and carrying early in the year, students have a year to practice to mastery. This last year of the primary grades needs to include a thorough review of place value, money and counting coins, telling time with introduction to the quarter hour, and measurement.

Number Sense and Numbers

Students will:

- Count and write numbers to 1,000
- Skip count and write numbers by 2's, 5's, 10's, and 25's
- Give before, after, and between numbers
- Find missing numbers of a group
- Understand place value to the 1,000's
- Order numbers from least to greatest
- Work with fractions previously mastered

Computation

Students will:

- Exhibit mastery of addition and subtraction facts through the eighteen family in both written and oral format
- Understand terms: sum, difference, addend, subtrahend
- Demonstrate ability to solve basic word problems with missing facts
- Recite facts by memory without using the term "equals"
- Solve flashcards in both oral and written format
- Solve three-digit addition or more carrying twice
- Solve two-digit subtraction with borrowing

- Understand number triplets (an alternate way of learning addition other than fact families)
- Solve column addition of three numbers
- Understand the concept of basic multiplication
- Recite their multiplication tables through 5

Money

Students will:

- Identify all coins and their value
- Master counting a mixed group of coins
- Understand the dollar and half-dollar
- Add and subtract money amounts using the ¢ or \$ symbols with a decimal

Time

Students will:

- Tell time to the quarter hour on both analog and digital clock
- Understand time equivalents (30 minutes = half hour, 7 days = week, 12 months = year, etc.)

Measurement

Students will:

- Understand liquid measures and equivalents
- Read a thermometer
- Understand linear measurements and equivalents

Geometry

Students will:

- Master identification of basic shapes including ovals, pentagons, and diamonds
- Give the attributes of basic shapes

Texts Used:

- *Rod & Staff Grade 2 Workbook Units 1-5* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher's Manual*.
- *Rod & Staff Grade 2 Teacher's Manual (Parts 1 and 2)* – Teacher book containing answers to student workbook and speed drills as well as scripted lessons and templates to aid in introduction of some concepts.
- *Rod & Staff Grade 2 Blacklines* – Reproducible pages of skills taught within the lessons of *Rod & Staff Grade 2*.
- *Rod & Staff Grade 1 Speed Drills* – Consumable student workbook.
- *Addition and Subtraction Flashcards* – Typical flashcards for use with *Rod & Staff* lessons.

HISTORY, GEOGRAPHY, AND CULTURAL STUDIES

To this point, history and geography have been taught through fact memorization, discussions, or observations of a theme gleaned from classic literature. Students should now have a good understanding of the world around them. They can easily group animals into classes and habitats and compare and contrast their culture from that of another land with no problem. While students in this stage of development have an extensive knowledge base, they still require periodic review; therefore, tying in new information must continue to be modeled. Dates and time periods begin to have more meaning, but memorization of these should wait until later years; rather, focus should be given to basic characteristics of each time period. Special attention can be given to early American life since it is more likely students will come into contact with items from this period. At this age, an introduction to states and their capitals and the list of American presidents provide the foundation for future in-depth studies. Exposure to world geography and U.S. government and laws is also appropriate.

Students will:

- Master the major holidays in the United States and their dates
- Memorize all U.S. presidents by name in order of service
- Gain exposure to U.S. government and laws
- Understand various time periods
- Be familiar with historic Americans
- Be introduced to world geography
- Become familiar with the Revolutionary War, causes, and outcomes
- Understand and describe various processes
- Compare and contrast

Texts Used:

- **Memoria Press *Second Grade Enrichment Guide*** – Teacher's guide containing activities and discussion questions for elevating the cultural literacy of students. To be used in coordination with the second grade read-aloud sets.
- **Memoria Press *Second Grade Read-Aloud Set*** – Selection of books on the student's listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- **Memoria Press *Second Grade Science & Enrichment Set*** – Group of books with either science or social studies material.
- **Memoria Press *Stories of Great Americans for Little Americans*** – Book by Edward Eggleston, edited by Memoria Press. Short stories to familiarize students to leading figures in American history.

SCIENCE

As with History, Geography, and Cultural Studies, students have the ability to take new information and compare and contrast this new material with the knowledge base to which they have been exposed in the previous years. Students explain simple processes and can name and categorize most animals and describe their habitats. Due to their ability to memorize easily, students can recall all the planets in order, understand the difference between planets and stars, know the parts of the human body, and understand the respiratory system. Students can describe the water cycle and name several types of rocks and minerals.

Students will:

- Participate well in group discussions
- Master characteristics of mammals, reptiles, and amphibians
- Master naming and describing the planets within our solar system
- Understand stars
- Name and describe several rocks and minerals
- Understand and identify different types of weather
- Be familiar with the water cycle
- Be familiar with the respiratory system
- Understand migration and animals that migrate
- Compare and contrast ideas
- Make pertinent observations
- Read and comprehend expository material

Texts Used:

- **Memoria Press *Second Grade Enrichment Guide*** – Description listed above.
- **Memoria Press *Second Grade Read-Aloud Set*** – Description listed above.
- **Memoria Press *Second Grade Science & Enrichment Set*** – Description listed above.
- ***Rod & Staff Patterns of Nature*** – Science book full of topics that would be interesting to a young reader. Many of the stories are scheduled to be read orally for expository reading practice.

FINE ARTS AND POETRY

As the culminating year for primary-level fine arts, students will be introduced to the final third of classical works in art, music, and poetry. By the end of this year, they will be familiar with art from all periods and in a variety of media with exposure to 100 works. In music, they will have heard pieces in several genres from the earliest chants to the theme from *Star Wars*. This music appreciation encompasses comparing and contrasting basic instruments and their sounds. Poetry, as with the art pieces, is themed from the read-aloud books. Students will have some factual knowledge about many artists, composers, authors, illustrators, and poets. The bulk of their knowledge will come from the classic literature pieces selected for study each week. Many of these books have won awards or been recognized as superior for their text or illustrations.

Students will:

- Gain exposure to 33 famous art pieces from a variety of artists and art periods
- Gain exposure to 33 classical music pieces from a variety of composers from each period

- Gain exposure to a variety of poems and poets
- Be exposed to elevated language and advanced vocabulary
- Create art using a variety of media
- Gain exposure to classic literature

Texts Used:

- **Memoria Press *Second Grade Enrichment Guide*** – Description listed above.
- **Memoria Press *Second Grade Read-Aloud Set*** – Description listed above.
- **Memoria Press *Art Cards*** – Each card in this set of 33 shows a piece of art on one side and brief description on the other.
- **Memoria Press *Art Posters*** – Larger version of each art card.
- **Memoria Press *Music Enrichment*** – Book used in kindergarten through second grade describing each music selection, a brief biography of the composer, and guided study questions.
- **Memoria Press *Second Grade Book of Crafts*** – A compilation of directions for simple crafts that coordinate with the read-aloud selection. Additional concept crafts are also included.
- ***Animals, Animals* by Eric Carle** – Various types of poetry about animals make up this compilation.
- ***A Child's Book of Poems* by Gyo Fujikawa** – Book of children's poems from a variety of authors.

CHRISTIAN STUDIES

Students by now have a solid grasp of the Old Testament Bible stories. This year will cover the entire New Testament. Students will begin in the Gospels with a thorough study of the life of Christ and finish with the early church.

Students will:

- Understand and discuss New Testament Bible stories and key characters
- Memorize 23 verses/128 lines of Scripture
- Memorize the books of the Old Testament
- Memorize the twelve tribes of Israel
- Recite with good tone, volume, and pace

Texts Used:

- ***The Story Bible*** – Age-appropriate book of chronological Bible stories.
- **Memoria Press *Christian Studies Enrichment*** – Book used in kindergarten through second grade providing vocabulary and comprehension questions to be coupled with *The Story Bible*.
- **Memoria Press *Copybook Cursive I*** – Description listed above.



MEMORIA PRESS

THIRD GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

During Grammar School, reading transitions from phonetic word attack skills taught prior to reading. Help with challenging words is given as needed when individual students encounter difficulty. Selections should still be read orally as a whole class and be read several times to maintain the benefits mentioned in previous sections. With each subsequent reading, students should increase in speed, fluency, and expression. Literature selections should graduate in difficulty and include a broad range of challenging, high-quality texts.

This is the first of an in-depth, five-year poetry study in which selections are themed with the grade core curriculum. Reading, defining vocabulary, and memorizing all culminate with the student's oral presentation of the poem.

As with literature, the reading of expository text should be oral and immediately followed by a teacher-led discussion to ascertain comprehension of the text and to aid in tying the information to what the student already knows. A variety of subject matter can be included here—from History to Social Studies and Science to Classical Studies or Christian Studies.

Composition of a complete sentence will have been mastered in the primary grades. This skill is further honed by adding the elevated vocabulary heard in reading and then mastered in spelling. Students are now ready for the challenge of writing. At this level, we teach how to take notes and keyword outlining of a text. This preparatory work is key to the later development of comprehensive writing.

Spelling will be the center of formal instruction in phonics. Students have working knowledge of all English phonograms from reading and from the introductory years of encoding instruction received in the primary grades. Lists should contain multisyllabic words and incorporate advanced phonograms. Mastery of basic spelling rules previously learned will begin to be automatically incorporated in students' writing. Vocabulary will be increased through the use of context clues in reading text or from knowledge of Latin roots.

The expectation in penmanship is for students to use cursive exclusively from this point on in their educational career. Continued focus should be on correct grip and legible writing with proper formation, slant, size, and spacing of words.

A primarily oral memorization program is all that is needed to provide a complete, thorough study of English grammar, given that students have already learned their parts of speech in Latin. The formal study of English grammar begins in third grade. Capitalization and punctuation skills learned through copywork and daily activities within the literature study guides from the primary levels provide the knowledge base. Students gain a little written practice within their Latin exercises and from their English grammar study.

This year, Latin is still considered a new subject and should include a comprehensive review of what was learned the previous year. Students will be introduced to three verb tenses and declensions in the text. The introductory course will be covered over the span of two years, preparing students for an intensive study of the Latin grammar.

Reading

Students will:

- Consistently use a variety of word attack skills to decipher unknown words and their meanings
- Demonstrate continued improvement in speed, fluency, and expression when reading orally
- Display reading comprehension on grade-level text
- Display aural comprehension of material above grade level
- Analyze illustrations within a story
- Compare and contrast ideas within literature
- Recognize dialogue within a story
- Adjust expression when reading dialogue orally
- Understand common idioms
- Ascertain characters, plot, and setting of a story
- Sequence events within a story
- Understand complete and complex sentences
- Determine meaning of advanced English vocabulary (derivatives) by recognition of Latin root
- Recognize rhyming structure
- Gain exposure to characterization

Writing

Students will:

- Create and compose from an outline
- Form a good topic sentence
- Be exposed to figures of speech (alliteration, simile, etc.)
- Be introduced to finding the moral or primary theme of a story
- Paraphrase and narrate a piece of writing
- Copy Scripture selection, poem, or other document
- Break text down into an outline
- Summarize a text
- Create multiparagraph compositions as a class under teacher direction

Spelling

Students will:

- Demonstrate mastery of phonograms introduced through encoding of weekly word lists
- Correctly use prefixes and suffixes

Grammar

Students will:

- Memorize basic grammar rules
- Memorize plurals, possessives, and compound words
- Understand synonyms, antonyms, and homonyms
- Master basic capitalization rules
- Master basic punctuation rules
- Recognize four types of sentences

- Recognize sentence parts
- Understand two types of pronouns (subjective and objective)

Penmanship

Students will:

- Exclusively use cursive when writing
- Write legibly with correct grip, spacing, slant, and size

Latin

Students will:

- Memorize 1st and 2nd noun declensions
- Memorize 1st conjugation present tense
- Memorize the present system of the "to be" verb
- Understand 1st and 2nd declension adjectives
- Master 130 vocabulary words with several English derivatives
- Understand basic syntax, subject/verb agreement, predicate adjectives

Texts Used:

- **Memoria Press Literature Guides for *Farmer Boy*, *Charlotte's Web*, *A Bear Called Paddington*, and *Mr. Popper's Penguins*** – Consumable study guides with activities that include vocabulary lessons and comprehension questions for each chapter and various language arts skills.
- **Memoria Press Poetry for the Grammar Stage Set** – 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.
- **Memoria Press Third Grade Read-Aloud Set** – Selection of books on the student's listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- **Memoria Press New American Cursive 3** – This book is designed to enhance the student's development of cursive writing skills while teaching good manners and correspondence protocol.
- **Spelling Workout D Set** – Level-appropriate words for students to study meaning and phonetic makeup of list words.
- **Memoria Press Latina Christiana Set** – Preparatory Latin course which reviews the Latin covered in *Prima Latina* but adds five additional vocabulary words a week as well as new Latin sayings and English derivatives. The study includes systematic grammar, practice exercises, prayers, songs, history lessons, and games.
- **Memoria Press Ludere Latine Set** – Book of enrichment activities to reinforce and review vocabulary, grammar, and derivatives introduced in *Latina Christiana*.
- **Memoria Press English Grammar Recitation** – 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 Workbook I** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- **Memoria Press English Grammar Recitation I Teacher Manual** – Answer key to the student workbook.
- **Core Skills Language Arts 3** – Student consumable workbook to be used as an independent practice supplement to both *Latina Christiana* and *English Grammar Recitation*.
- **All Things Fun and Fascinating** – IEW's introductory composition program which focuses upon how to teach writing by first forming keyword outlines.

MATHEMATICS

Mastery of the addition and subtraction facts through the eighteen family was attained last year; therefore, attention is placed on speed this year. The goal is to answer 100 simple addition or subtraction facts in five minutes. Multiplication and division are formally introduced and memorized this year as well. Story problems become more advanced, as does fraction work and place value. Students identify, read, and write numbers up to 10,000. Work with money progresses from simply counting mixed groups of coins to addition and subtraction of monetary amounts. Telling time is mastered to five minutes. All measurements, both linear and liquid, are reviewed and practiced. Roman numerals are introduced.

Number Sense and Numbers

Students will:

- Count and write numbers to 10,000
- Understand place value to the 10,000's
- Continue work with fractions

Computation

Students will:

- Exhibit mastery of addition and subtraction facts through the eighteen family in both written and oral format
- Display increased speed in answering facts
- Demonstrate ability to solve increasingly difficult word problems with missing facts
- Recite facts by memory without using the term "equals"
- Solve flashcards in both oral and written format
- Solve three-digit addition or more carrying twice
- Correctly place commas within answers for all four operations
- Correctly use decimals in problems with money
- Review two-digit subtraction with borrowing
- Solve column addition of three numbers
- Solve a problem with multiple operations
- Recite their multiplication tables through 9
- Answer multiplication problems through 9 in written format
- Answer division problems through 9 in written format

Money

Students will:

- Review counting a mixed group of coins
- Accurately add and subtract money amounts using the ¢ or \$ symbols with a decimal

Time

Students will:

- Accurately tell time in five-minute increments on an analog clock

Measurement

Students will:

- Master liquid measures and equivalents
- Review linear measurements and equivalents

Texts Used:

- *Rod & Staff Grade 3 Workbook* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher’s Manual*.
- *Rod & Staff Grade 3 Teacher’s Manual* – Teacher book containing answers to student workbook and speed drills as well as scripted lessons and templates to aid in introduction of concepts.
- *Rod & Staff Grade 3 Blacklines* – Reproducible pages of skills taught within the lessons of *Rod & Staff Grade 3*.
- *Rod & Staff Grade 3 Supplemental Worksheets* – Separate booklet to practice various skills.
- *Rod & Staff Grade 3 Supplemental Worksheets Key* – Answers to separate booklet.
- *Rod & Staff Grade 3 Speed Drills* – Consumable booklet of timed drills to help increase speed.
- *Multiplication and Division Flashcards* – Typical flashcards for use with *Rod & Staff* lessons.
- *Memoria Press Math Tests* – Included in the Curriculum Manual, these tests gauge student progress with *Rod & Staff* math.

AMERICAN AND MODERN STUDIES

In third grade, the formal study of states and capitals begins. By year's end, students will be able to map half of the United States, spelling the names of the states correctly and matching the capitals. States are introduced regionally, and students study attributes and fun facts about each state, providing cultural literacy.

The study of history is quite an endeavor; therefore, we divide the study into three sections. In Christian Studies, we look at Creation through prophetic times to come, highlighting our Christian heritage. In Classical Studies, we introduce two major empires with a focus upon Greece and Rome. However, in this section of the Scope & Sequence, we are only looking at our most recent history, the history of America. Students begin independently reading historical literature including biographies and fiction. Review of the United States presidents is practiced as well.

Students will:

- Locate all 50 states
- Name and locate the Great Lakes
- Master four regions of the U.S. (New England, Mid-Atlantic, Great Lakes, Southwestern)
- Gain introductory knowledge of world geography
- Review all U.S. presidents by name in order of service
- Gain exposure to Vikings and Native Americans in early America
- Understand westward expansion in early America
- Gain exposure to various time periods and events
- Be familiar with historic Americans

Texts Used:

- **Memoria Press *Third Grade American Studies Book Set*** – Biographies of great Americans.
- **Memoria Press *Third Grade American Studies Discussion Questions*** – Teacher's book with questions to aid in facilitating student discussions of the biographies.
- **Memoria Press *States & Capitals Student Study Guide*** – Mapping workbook that covers the United States region by region.
- **Memoria Press *States & Capitals Teacher Guide*** – Teacher key containing student quizzes and tests as well as answers for the student book.
- ***Don't Know Much About the 50 States*** – Text providing fun facts and other information about each state.
- ***States & Capitals Flashcards*** – Set of cards to aid in independent study of state and capital identification.
- **Memoria Press *Timeline Program*** – Description listed below.

SCIENCE

In the primary years, science concepts were introduced from themes selected from a read-aloud book which were then observed and discussed. This year, the study of science transitions to in-depth nature studies beginning with a study of mammals. Students have some familiarity with animals but are ready for the challenge of an extensive examination of more advanced material.

Students will:

- Participate well in group discussions
- Master facts about various mammals
- Describe characteristics of each: monotremes, marsupials, insectivores, chiropterans, edentates, lagomorphs, hyraxes and armadillos, rodents, ungulates, elephants, carnivores, cetaceans, and primates
- Display ability to compare and contrast
- Make pertinent observations
- Read and comprehend expository material

Texts Used:

- **Memoria Press *Mammals Student Guide*** – Consumable unit study of the Animal Kingdom and mammals.
- **Memoria Press *Mammals Teacher Guide*** – Companion to the student workbook which provides teaching information, quizzes, and tests.
- **Memoria Press *The World of Mammals, What Is a Mammal?, What Is the Animal Kingdom?*** – Texts that provide reading material and facts for use with mammals study.

CLASSICAL STUDIES

Fundamental to a classical education is the study of the ancient civilizations of Greece and Rome. Third grade begins with a journey into Greek mythology.

Students will:

- Master 58 facts about Greek mythology
- Name and identify the Greek gods and goddesses and their symbols
- Name and identify key places of ancient Greece on a map
- Practice comparing and contrasting
- Practice using many language arts skills

Texts Used:

- *D'Aulaires' Book of Greek Myths* – Text covering the stories of Greek gods and goddesses.
- **Memoria Press *D'Aulaires' Greek Myths Student Guide*** – Consumable book presenting facts to know and vocabulary as well as comprehension questions and map practice.
- **Memoria Press *D'Aulaires' Greek Myths Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *D'Aulaires' Greek Myths Flashcards*** – Fact cards for independent review.
- **Memoria Press *Timeline Program*** – Description listed below.

CHRISTIAN STUDIES

Students were introduced to the major figures and stories of both the Old Testament and New Testament in the primary years. Grammar School starts a four-year study of the Bible with a deeper look at the first five books: Genesis through Deuteronomy.

Students will:

- Understand and discuss various Old Testament stories and key characters
- Master 60 facts to know
- Memorize the Old Testament books
- Memorize 23 Scripture verses
- Display familiarity with time-period geography

Texts Used:

- *The Golden Children's Bible* – Age-appropriate book of chronological Bible stories with beautifully detailed illustrations.
- **Memoria Press *Christian Studies I Student Book*** – Consumable book including 30 lessons with memory verses, map and timeline work, drill and discussion questions, and review lessons.
- **Memoria Press *Christian Studies I Teacher Manual*** – Companion to the student workbook providing background information for the lessons as well as discussion prompts, quizzes, and tests.
- **Memoria Press *Old Testament Flashcards*** – Cards to help facilitate independent review of facts to know from Christian Studies.
- **Memoria Press *Memory Verse Flashcards*** – Cards with the memory verse on one side and reference on the other.
- **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.



MEMORIA PRESS

FOURTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Literature guide activities begin transitioning from teacher-directed, whole-class development of comprehension answers to some individually answered questions. This is the first year we advocate independent written answers, though students are not left to their own devices. Beginning in first grade, answering comprehension questions in a complete sentence with correct grammar, capitalization, and punctuation has been practiced daily. Literature selections should still be read orally as a whole class and be read multiple times, though subsequent readings can now be silent, independent ones. Expression as well as volume when reading orally improves as the students gain confidence through daily practice. Read-aloud selections should continue to expand students' vocabulary and include advanced sentence structure. The poetry study that began in third grade continues with new selections themed with the Classical Core Curriculum subjects. Several poems are memorized and presented orally.

In fourth grade, we begin the process of working through the *Classical Composition* program. *Classical Composition* begins with the *Fable* stage as it guides a student through the *progymnasmata*, a set of writing competencies considered foundational for a skilled writer. At this level, the student will master an understanding of how writing functions in communicating an idea. Students will develop the skill of variation as they are guided through the process of paraphrasing a text. Expansion in vocabulary, observed both in writing as well as speech, is a central goal at this level of writing. Ability to identify and understand basic plot components is further developed at this level, as is the capacity to structure an essay properly. Students will also begin to practice use of figures of speech and figures of description in their writing.

Spelling will continue to be honed through the study of grade-appropriate phonetic spelling lists. Correct spelling will be required in all student work. Mastery of spelling knowledge should be evidenced in all student writing.

All student writing will be completed in a legible and lovely cursive script. Penmanship may still need focused practice, which can best be perfected with copywork but will be reinforced in all subjects.

English Grammar Recitation at this level covers the grammar rules pertaining to sentences, verbs, and questions. Students master verb tenses, verb phrases, physical and mental verbs, and the "to be" verb. Memorization of the rules recited orally is coupled with written practice in their student guide. This is complemented perfectly with the study of Latin.

The Latin concepts that were introduced to students in the previous year are reviewed and built upon. This introduction is foundational to the study of Latin grammar.

Reading

Students will:

- Define vocabulary using context clues
- Have level-appropriate comprehension of material read
- Compare and contrast
- Orally read with level-appropriate speed, fluency, and expression
- Memorize and recite selected poems

- Understand allegory
- Understand idioms
- Understand characterization
- Have aural understanding of texts above their personal reading level
- Accurately analyze illustrations
- Gain attention to detail
- Accurately identify character, setting, and plot of a story
- Recognize literary devices (puns, foreshadowing, conflict)

Composition

Students will:

- Master how narrative elements work together to communicate a thought
- Expand vocabulary
- Expand precision in speech
- Further develop ability to format a paragraph
- Master identification of plot components
- Orally present an essay
- Properly apply grammar concepts learned to this point

Spelling

Students will:

- Demonstrate mastery of level-appropriate word lists
- Correctly use prefixes and suffixes
- Correctly use possessives and contractions
- Master vowel pairs and digraphs

Grammar

Students will:

- Master basic grammar rules pertaining to sentences
- Understand verbs (tenses, phrases, physical, mental, and "to be")
- Master types of questions
- Correctly encode dictated sentences

Penmanship

Students will:

- Exclusively use cursive when writing
- Write legibly with correct grip, spacing, slant, and size

Latin

Students will:

- Review *Latina Christiana* material learned in third grade
- Memorize 1st conjugation imperfect and future tenses, completing the present system
- Memorize 2nd conjugation present system
- Master 75 vocabulary words with several English derivatives

- Be introduced to 3rd declension nouns
- Understand predicate nominatives

Texts Used:

- **Memoria Press Literature Guides for *The Cricket in Times Square, Homer Price, The Blue Fairy Book, and Dangerous Journey: The Story of Pilgrim's Progress*** – Consumable study guides with activities that include vocabulary lessons, comprehension questions for each chapter, and various language arts activities.
- **Memoria Press Poetry for the Grammar Stage Set** – 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.
- **Memoria Press Fourth Grade Read-Aloud Set** – Selection of books on the student's listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- **Memoria Press Copybook Cursive II** – Penmanship, basic grammar, spelling, literature, accuracy, attention to detail, and memorization facilitation are the skills practiced within this book through the copying of Scripture and poems.
- **Spelling Workout E Set** – Level-appropriate words for students to study meaning and phonetic makeup of list words.
- **Memoria Press Latina Christiana Set** – Preparatory Latin course which reviews the Latin covered in *Prima Latina* but adds five additional vocabulary words a week as well as new Latin sayings and English derivatives. The study includes systematic grammar, practice exercises, prayers, songs, history lessons, and games.
- **Memoria Press Ludere Latine Set** – Book of enrichment activities to reinforce and review vocabulary, grammar, and derivatives introduced in *Latina Christiana*.
- **Memoria Press English Grammar Recitation** – 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 Workbook I** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- **Memoria Press English Grammar Recitation I Teacher Manual** – Answer key to the student workbook.
- **Core Skills Language Arts 4** – Student consumable workbook to be used as an independent practice supplement to both *Latina Christiana* and *English Grammar Recitation*.
- **Memoria Press Classical Composition: Fable Stage Set** – Level I of the *progymnasmata* method of teaching composition.

MATHEMATICS

Emphasis on the four operations continues at this level, and fluency in long division is mastered. This proficiency is a direct result of memorization and good working knowledge of multiplication and division facts through 12. Neatness, legibility, and attention to detail are skills that must be honed in order to accurately compute the two-digit multiplication and long division problems. Students should be able to verify their answers at this age and progress in their graphing, place value, and measurement. Mathematical reading problems introduce distance, rate, and time. Student focus on addition and subtraction includes work with fractions as well as increasing speed at answering 100 facts in four minutes.

Number Sense and Numbers

Students will:

- Understand place value to the 100,000,000's

Computation

Students will:

- Display increased speed in answering written facts (100 in four minutes)
- Demonstrate ability to solve increasingly difficult word problems
- Master multiplication and division of facts through 12
- Master multiplication of two-digit numbers
- Master adding and subtracting fractions
- Display fluency in long division
- Verify answers
- Reduce fractions

Measurement

Students will:

- Master equivalent measures
- Find the perimeter
- Solve problems including distance, rate, and time

Texts Used:

- *Rod & Staff Grade 4 Workbook* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher's Manual*.
- *Rod & Staff Grade 4 Teacher's Manual (Parts 1 and 2)* – Teacher book containing answers to student workbook and speed drills as well as scripted lessons and templates to aid in introduction of concepts.
- *Rod & Staff Grade 4 Tests* – Consumable test booklet for skills taught.
- *Rod & Staff Grade 4 Speed Drills* – Consumable booklet of timed drills to help increase speed.
- *Rod & Staff Speed Drill Packet* – Reproducible pages of 100 facts for timed drills.

AMERICAN AND MODERN STUDIES

In fourth grade, the formal study of states and capitals is completed. By year's end, students will be able to map all of the United States, spelling the names of the states correctly and matching the capitals. States are introduced regionally, and students study attributes and fun facts about each state, providing cultural literacy. The study of history is quite an endeavor; therefore, we divide the study into three sections. In Christian Studies, we look at Creation through prophetic times to come, highlighting our Christian heritage. In Classical Studies, we introduce two major empires with a focus upon Greece and Rome. However, in this section of the Scope & Sequence, we are only looking at our most recent history, the history of America. Students begin independently reading historical literature including biographies and fiction. Review of the United States presidents is practiced as well.

Students will:

- Locate all 50 states
- Name and locate the Great Lakes
- Master four regions of the U.S. (Southern, Plain, Rocky Mountain, Pacific)
- Be introduced to world geography
- Review of all U.S. presidents by name in order of service
- Gain exposure to various time periods and events
- Gain familiarity with historic Americans
- Master significant dates

Texts Used:

- **Memoria Press *Fourth Grade American Studies Book Set*** – Biographies of great Americans.
- **Memoria Press *Fourth Grade American Studies Discussion Questions*** – Teacher's book with questions to aid in facilitating student discussions of the biographies.
- **Memoria Press *States & Capitals Student Study Guide*** – Mapping workbook that covers the United States region by region.
- **Memoria Press *States & Capitals Teacher Guide*** – Teacher key containing student quizzes and tests as well as answers for the student book.
- ***Don't Know Much About the 50 States*** – Text providing fun facts and other information about each state.
- ***States & Capitals Flashcards*** – Set of cards to aid in independent study of state and capital identification.
- **Memoria Press *Timeline Program*** – Description listed below.

SCIENCE

Students retain more information when it is reviewed weekly and practiced daily, not a completely new topic each week. Our next yearlong study is astronomy. This study teaches the skies using the stories of the Greeks and Romans. Students will map and draw constellations, memorize the fifteen brightest stars in the skies, and study the solar system.

Students will:

- Display ability to compare and contrast
- Master naming and describing the planets within our solar system and facts about each
- Have working knowledge of vocabulary relating to planets, heavenly bodies, and moons
- Name the moons of Jupiter and Saturn

- Recite the fifteen brightest stars
- Identify and draw sixteen constellations
- Recognize the brightest stars in each constellations
- Draw the seasonal constellation groups
- Understand the various types of planets
- Make pertinent observations
- Read and comprehend expository material

Texts Used:

- **Memoria Press *The Book of Astronomy Student Book*** – Student consumable unit study.
- **Memoria Press *The Book of Astronomy Teacher Guide*** – Teaching companion complete with teaching information, quizzes, and tests.

CLASSICAL STUDIES

Students complete the study of Greek mythology that began in third grade. Taking two years to finish this anthology ensures there is foundational knowledge for the further study of history in literature.

Students will:

- Master 107 facts about Greek mythology including 58 from third grade
- Name and identify the Greek gods and goddesses and their symbols
- Name and identify key places of ancient Greece on a map

Texts Used:

- ***D'Aulaires' Book of Greek Myths*** – Text covering the stories of Greek gods and goddesses.
- **Memoria Press *D'Aulaires' Greek Myths Student Guide*** – Consumable book presenting facts to know and vocabulary as well as comprehension questions and map practice.
- **Memoria Press *D'Aulaires' Greek Myths Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *D'Aulaires' Greek Myths Flashcards*** – Fact cards for independent review.
- **Memoria Press *Timeline Program*** – Description listed below.

CHRISTIAN STUDIES

Students were introduced to the major figures and stories of both the Old Testament and New Testament in the primary years. Third grade began a four-year study of the Bible with a deeper look at the first five books, Genesis through Deuteronomy, which is completed this year in fourth grade.

Students will:

- Understand and discuss various Old Testament stories and key characters
- Master 111 facts to know including 60 from third grade
- Memorize the Old Testament books
- Memorize 33 Scripture verses
- Display familiarity with time-period geography

Texts Used:

- *The Golden Children's Bible* – Age-appropriate book of chronological Bible stories with beautifully detailed illustrations.
- **Memoria Press *Christian Studies I Student Book*** – Consumable book including 30 lessons with memory verses, map and timeline work, drill and discussion questions, and review lessons.
- **Memoria Press *Christian Studies I Teacher Manual*** – Companion to the student workbook providing background information for the lessons as well as discussion prompts, quizzes, and tests.
- **Memoria Press *Old Testament Flashcards*** – Cards to help facilitate independent review of facts to know from Christian Studies.
- **Memoria Press *Memory Verse Flashcards*** – Cards with the memory verse on one side and reference on the other.
- **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.



MEMORIA PRESS

FIFTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Oral reading with the classic literature selections of this level continue the path toward proficiency. In order to practice volume and expression coupled with proper speed and inflection, reading aloud as a class is still the standard. Oral reading is beneficial and, in fact, key to progression. Reading aloud is not limited to works of fiction or poetry, though each of these play an important role in development. Expository reading in the areas of history, geography, and science provide an added element of advanced decoding practice. Some silent reading sections can be given to practice independent comprehension in each of these areas as well. Questions of a higher, more abstract quality start to present themselves. While students are not assessed with these type of questions, class discussions help spark deeper thought in the maturing student. There is continued study of poetry themed with literature selections.

Progression through the stages of the *progymnasmata* program continues in fifth grade. Many of the skills and competencies introduced previously are reinforced as new concepts are mastered. Vocabulary expansion and precision of speech continue to be focal points as students further develop their ability to paraphrase a text. Remaining components are added, and imitation is utilized as the primary method of drafting a composition.

By now, students have had several years of practice writing in complete sentences, building a store of words they have mastered in spelling, and creating lovely penmanship. The expectation for precision and beauty of written student work, whether in their workbooks or other papers, graded or not, should remain high. Focused practice on legibility and loveliness of script is not limited to tests. All written work should be grammatically correct with proper punctuation, capitalization, and spelling. Attention to detail in writing is a skill that must be instilled. Growth in individual spelling ability continues as phonetic word lists increase in difficulty.

Grammar begins with review of previously mastered rules. Each year will begin with a thorough review of what students know. With each level of *English Grammar Recitation*, more and more review is required because new rules are mastered every year.

Latin instruction transitions from an introductory course to a formalized study of the Latin grammar. This begins a four-year comprehensive study of this Latin grammar that will culminate in student mastery.

Reading

Students will:

- Read orally with level-appropriate speed, fluency, and expression
- Display level-appropriate comprehension
- Determine meaning of unknown vocabulary using context clues
- Memorize selected poem
- Deliver good oral recitations
- Understand literary devices: aphorism, rhyming structure
- Accurately identify the primary theme, moral, or Central One Idea of a story
- Aurally understand texts above their personal reading level

- Answer abstract questions
- Improve critical reading analysis
- Display growth in narration skills
- Be introduced to logic-level questions

Composition

Students will:

- Master the ability to retell a story
- Master paraphrasing a text
- Master identification of characters, setting, plot, action, time, place, manner, cause, suffering, reversal, and recognition within a narrative
- Expand their vocabularies
- Expand their precision in speech
- Display proficiency in developing a topic sentence
- Properly format an essay
- Display proficiency in sentence and paragraph formation

Spelling

Students will:

- Demonstrate mastery of level-appropriate word lists
- Correctly use prefixes and suffixes
- Correctly use homonyms and abbreviations
- Master digraphs
- Understand syllabication

Grammar

Students will:

- Master basic grammar rules for verbs, pronouns, adverbs, conjunctions, predicate nominatives, predicate adjectives, direct objects, and indirect objects
- Master basic grammar rules pertaining to types and parts of sentences
- Master verb phrases and six verb tenses
- Continue working with principal parts of verbs
- Master infinitives and participles
- Correctly encode dictated sentences

Penmanship

Students will:

- Continue perfection of legibility and beauty in handwritten material

Latin

Students will:

- Memorize grammar forms and vocabulary
- Apply correct grammar to basic translation
- Understand grammatical concepts

- Be introduced to parsing
- Display working knowledge of 1st-5th noun declensions
- Display working knowledge of 1st and 2nd declension adjectives
- Display working knowledge of 1st and 2nd conjugations: present and perfect systems
- Display working knowledge of the "to be" verb: present and perfect systems
- Memorize over 200 vocabulary words
- Memorize many English derivatives
- Understand syntax
- Display working knowledge of nominative and accusative cases
- Display working knowledge of complementary infinitive
- Understand subject/verb agreement
- Understand noun/adjective agreement
- Display working knowledge of predicate nouns and predicate adjectives

Texts Used:

- **Memoria Press Literature Guides for *The Lion, the Witch and the Wardrobe, Heidi, and Lassie*** – Consumable study guides with activities that include vocabulary lessons, comprehension questions for each chapter, and various language arts activities.
- **Memoria Press Poetry for the Grammar Stage Set** – 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.
- **Memoria Press Fifth Grade Read-Aloud Set** – Selection of books on the student's listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- **Memoria Press Copybook Cursive III** – Penmanship, basic grammar, spelling, literature, accuracy, attention to detail, and memorization facilitation are the skills practiced within this book through the copying of Scripture.
- **Spelling Workout F Set** – Level-appropriate words for students to study meaning and phonetic makeup of list words.
- **Memoria Press First Form Latin Set** – Introductory Latin grammar course which reviews much of the vocabulary covered in *Latina Christiana* and begins the formal study of Latin grammar. The study includes systematic grammar, practice exercises, prayers, and games.
- **Memoria Press Lingua Angelica** – Book of Latin hymns to sing and practice translation skills. The perfect introduction to translation because the verses are shorter and simpler to translate than most Latin literature.
- **Memoria Press English Grammar Recitation** – 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 Workbook II** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- **Memoria Press English Grammar Recitation II Teacher Manual** – Answer key to the student workbook.
- **Core Skills Language Arts 5** – Student consumable workbook to be used as an independent practice supplement to both *First Form Latin* and *English Grammar Recitation*.
- **Memoria Press Classical Composition: Narrative Stage Set** – Level II of the *progymnasmata* method of teaching composition.

MATHEMATICS

Full mastery of the facts in all four operations is expected by the end of this year in math. The goal is to answer 100 simple addition or subtraction facts in three minutes. Multiplication and division facts are included in these drills, and mastery is solidified. Story problems become more advanced, as do fraction work and place value. Using the operations with both fractions and decimals becomes more challenging. Work begins with factoring, ratios, and percentages. Simple geometric terms are introduced.

Number Sense and Numbers

Students will:

- Understand place value to the 100,000,000,000's
- Display working knowledge of decimals to the thousandths
- Identify prime numbers

Computation

Students will:

- Display increased speed in answering written facts (100 in three minutes)
- Demonstrate ability to solve increasingly difficult word problems
- Master all four operations
- Display fluency multiplying and dividing fractions
- Understand factoring
- Gain introduction to ratios
- Work with percentages

Measurement and Geometry

Students will:

- Master equivalent measures
- Have working knowledge of the metric system
- Read line graphs
- Be introduced to volume, lines, points, and angles

Texts Used:

- *Rod & Staff Grade 5 Workbook* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher's Manual*.
- *Rod & Staff Grade 5 Teacher's Manual (Parts 1 and 2)* – Teacher book containing answers to student workbook and speed drills as well as scripted lessons and templates to aid in introduction of concepts.
- *Rod & Staff Grade 5 Tests* – Consumable test booklet for skills taught.
- *Rod & Staff Grade 5 Speed Drills* – Consumable booklet of timed drills to help increase speed.
- *Rod & Staff Speed Drill Packet* – Reproducible pages of 100 facts for timed drills.

AMERICAN AND MODERN STUDIES

World geography begins with the focus upon the Middle East, North Africa, and Europe, teaching names of countries and capitals and mapping them. United States geography is reviewed. The study takes very little time but is key review for retention of knowledge gained last year. Both world and U.S. geography studies work well together because one study is completely review.

In this section of the Scope & Sequence, our focus is upon the history of great Americans. This study of modern history is centered around reading level-appropriate biographies. When the class has finished the story, teachers facilitate discussions using questions provided in a supplement. This section requires no written work, but through their participation, students display comprehension and retention of facts. More facts about various U.S. presidents are gained through reading while memorization of their order of service is reviewed from previous grades.

Geography

Students will:

- Review United States geography
- Gain introductory knowledge on world geography
- Map each country in North Africa and Europe with correct spelling
- Know the capital of each country studied
- Display working knowledge of the physical features, culture, and history of countries studied

American/Modern Studies

Students will:

- Display knowledge of all U.S. presidents by name in order of service
- Gain exposure to various time periods and events
- Have familiarity with historic Americans
- Master significant dates
- Give ancient and modern equivalencies

Texts Used:

- **Memoria Press *Fifth Grade American Studies Book Set*** – Biographies of great Americans.
- **Memoria Press *Fifth Grade American Studies Discussion Questions*** – Teacher's book with questions to aid in facilitating student discussions of the biographies.
- **Memoria Press *The United States Student Workbook*** – Mapping workbook that covers the United States region by region.
- **Memoria Press *The United States Teacher Key*** – Teacher key containing student quizzes and tests as well as answers for the student book.
- **Memoria Press *Geography I: The Middle East, North Africa, & Europe Set*** – Text, student workbook, and teacher guide.
- **Memoria Press *Geography I-III Flashcards*** – Set of cards to aid in independent study of the physical location of each country and capital.
- **Memoria Press *Timeline Program*** – Description listed below.

SCIENCE

In this program, science takes a narrative approach for the study on insects. Students read about, memorize, study, and group insects according to the characteristics they have in common. This comprehensive study encourages students to sketch insects.

Students will:

- Compare and contrast
- Master and memorize facts
- Gain knowledge about eight orders of insects
- Master metamorphosis
- Practice observing and sketching
- Display knowledge about habitats
- Master insect anatomy

Texts Used:

- **Memoria Press *The Book of Insects*** – Student reader on subject matter.
- **Memoria Press *The Book of Insects Student Book*** – Student consumable unit study.
- **Memoria Press *The Book of Insects Teacher Guide*** – Teaching companion complete with teaching information, quizzes, and tests.
- ***Peterson First Guide to Insects*** – Supplemental field guide to aid in identification of specific insects.

CLASSICAL STUDIES

Having completed the study of Greek mythology, students focus upon the ancient Romans. This biographical approach to history covers the rise and fall of that great people by studying the lives of influential figures. Events are covered in chronological order from the founding of Rome to its fall.

Students will:

- Master 100 facts of Roman history
- Be able to name key people and events
- Memorize significant dates
- Gain insight into Roman history and culture
- Learn about Roman legends
- Correlate the Roman Republic to the formation of the American government

Texts Used:

- **Memoria Press *Famous Men of Rome*** – Text covering the stories of Roman history.
- **Memoria Press *Famous Men of Rome Student Guide*** – Consumable book presenting facts to know and vocabulary as well as comprehension questions and map practice.
- **Memoria Press *Famous Men of Rome Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *Famous Men of Rome Flashcards*** – Fact cards for independent review.
- **Memoria Press *Timeline Program*** – Description listed below.

CHRISTIAN STUDIES

The remaining books of the Old Testament beginning with Joshua until the end of the Old Testament are studied using *The Golden Children's Bible*. Students are challenged to expand their memorization of Scripture and knowledge of biblical geography.

Students will:

- Understand and discuss various Old Testament stories and key characters
- Memorize significant dates
- Master 105 facts to know
- Memorize the Old Testament books
- Memorize 33 Scripture verses
- Display familiarity with time-period geography
- Display familiarity with biblical vocabulary

Texts Used:

- *The Golden Children's Bible* – Age-appropriate book of chronological Bible stories with beautifully detailed illustrations.
- **Memoria Press Christian Studies II Student Book** – Consumable book including 30 lessons with weekly memory verses, map and timeline work, drill and discussion questions, and review lessons.
- **Memoria Press Christian Studies II Teacher Manual** – Companion to the student workbook providing background information for the lessons as well as discussion prompts, quizzes, and tests.
- **Memoria Press Old Testament Flashcards** – Set of cards to aid in individual review of key people, places, and events from the Old Testament.
- **Memoria Press Memory Verse Flashcards** – Set of cards to aid in practice and review of the memory verses scheduled within each lesson.
- **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.



MEMORIA PRESS

SIXTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Students continue to practice implementation of all decoding skills taught in previous grades. Critical reading is reviewed on a daily basis as well, not only in the literature of this level but also in Classical Studies, Christian Studies, and Science. The culmination of all previous instruction and practice is evidenced in this year in which student proficiency in reading is attained. By reading many types of literature, student comprehension progresses, and logic-level thinking is encouraged. Both oral and silent reading sessions should be utilized. Memorization and study of poems which are themed with the literature continue.

The *progymnasmata* at this level guides students in a thorough review of concepts covered in previous years. Invention and idea development are the new primary competencies covered this year. Students transition to original content creation, following the eight Heads of Development. Essays composed will reflect a progression in logical structure, presenting ideas coherently and with precision. Students continue to utilize figures of speech and description. Very basic research elements are introduced at this level.

Level-appropriate English grammar continues with memorization of new rules and examples before written practice. The bulk of English grammar is taught and practiced within the Latin program. Review of material from previous years is a key strategy for complete mastery.

In this second year of in-depth, formal Latin study, students will continue their mastery of additional aspects of Latin grammar and will practice their translation skills. Translations are not lengthy, but they are practiced within each lesson. Students should be given step-by-step instruction in translation following the same order so these steps become second nature. Though there is plenty of translation practice, the expectation is not for perfection yet.

Reading

Students will:

- Orally read with level-appropriate speed, fluency, and expression
- Display level-appropriate comprehension
- Determine meaning of unknown vocabulary using context clues
- Memorize selected poems
- Give good oral delivery of recitations
- Understand literary devices: simile
- Accurately identify the Central One Idea of a story
- Aurally understand texts above their personal reading level
- Answer abstract questions
- Improve critical reading analysis
- Grow in narration skills

Composition

Students will:

- Be introduced to invention
- Produce expository writing
- Master identification of basic plot components (i.e., setting, plot, characters)
- Improve mechanics of writing
- Display a more developed and consistent writing style
- Improve in usage of syntax
- Advance in usage of figures of description and speech
- Show coherence in presentation and flow of ideas

Spelling

Students will:

- Master level-appropriate word lists
- Correctly spell compound and hyphenated words
- Correctly spell Latin and Greek roots
- Master prefixes and suffixes
- Understand syllabication

Grammar

Students will:

- Master basic grammar rules for verbs, pronouns, adverbs, conjunctions, predicate nominatives, predicate adjectives, direct objects, and indirect objects
- Master application of the above mentioned rules
- Identify the subject of a sentence
- Master eight pronoun types
- Master adverb usage
- Master transitive and intransitive verbs
- Correctly encode dictated sentences

Penmanship

Students will:

- Continue perfection of legibility and beauty in handwritten material

Latin

Students will:

- Memorize grammar forms and vocabulary
- Apply grammar to basic translation
- Understand grammatical concepts
- Be given an introduction to parsing
- Display working knowledge of 2nd declension **er-ir** nouns and adjectives
- Display working knowledge of 3rd declension adjectives, 2 terminations
- Display working knowledge of 3rd declension **i-stem** nouns

- Display working knowledge of 1st and 2nd person pronouns (personal and possessive)
- Display working knowledge of prepositions (with ablative and accusative)
- Display working knowledge of 3rd, 3rd **io**, and 4th conjugations in six tenses (active voice)
- Display working knowledge of present system passive in all conjugations and **-io** verbs
- Display working knowledge of syntax: possessives, indirect objects, prepositional phrases
- Display working knowledge of adverbs and questions
- Memorize over 200 new vocabulary words
- Memorize many English derivatives
- Understand syntax: genitive of possession, dative of indirect object, ablative of means and agent

Texts Used:

- **Memoria Press Literature Guides for *The Door in the Wall, Adam of the Road, Robin Hood, and King Arthur*** – Consumable study guides with activities that include vocabulary lessons, comprehension questions for each chapter, and various language arts activities.
- **Memoria Press Poetry for the Grammar Stage Set** – 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.
- **Memoria Press Sixth Grade Read-Aloud Set** – Selection of books on the student's listening level to be read to the student for exposure to advanced vocabulary and sentence structure.
- **Spelling Workout G Set** – Level-appropriate words for students to study meaning and phonetic makeup of list words.
- **Memoria Press Second Form Latin Set** – Latin grammar program which reviews the previous level of study with the addition of more advanced grammar with more challenging translation passages.
- **Memoria Press Lingua Angelica** – Latin songbook with translation practice. Partially completed at this grade level.
- **Memoria Press English Grammar Recitation** – 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 Workbook III** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- **Memoria Press English Grammar Recitation III Teacher Manual** – Answer key to the student workbook.
- **Core Skills Language Arts 6** – Student practice workbook to be used as an independent practice supplement to both *Second Form Latin* and *English Grammar Recitation*.
- **Memoria Press Classical Composition: Chreia & Maxim Stage Set** – Level III of the *progymnasmata* method of teaching composition.

MATHEMATICS

Since complete mastery of the four operations was the expectation by the end of last year, this year the expectation focuses upon increasing speed when answering problems. The goal of the timed written drills is for students to accurately complete 100 written facts in two minutes. Other skills practiced this year include adding and subtracting mixed numbers and converting decimals to fractions and fractions to decimals. Work becomes more advanced with ratios, proportions, percentages, and solving for distance, rate, or time in a word problem. Money concepts such as figuring interest, income, or profit are an introduction to personal finance. Geometry skills, such as finding the perimeter, area, or volume of an object as well as working with measurement of circles, are introduced and practiced. Liquid and linear measurements are reviewed and mastered.

Computation

Students will:

- Display increased speed in answering written facts (100 in two minutes)
- Demonstrate ability to solve distance, rate, and time word problems
- Increase speed in solving all four operations
- Convert fractions to decimals and vice versa
- Add and subtract mixed numbers
- Advanced work with ratios and proportions

Money

Students will:

- Master determining interest, income, and profit

Measurement and Geometry

Students will:

- Display working knowledge of metric units of area, capacity, weight, and linear measures
- Display working knowledge of perimeter, area, volume, angles, and circles

Texts Used:

- *Rod & Staff Grade 6 Workbook* – Consumable student workbook which gives practice of skills taught in the interactive lessons of the *Teacher’s Manual*.
- *Rod & Staff Grade 6 Teacher’s Manual (Parts 1 and 2)* – Teacher book containing answers to student workbook and tests as well as scripted lessons and templates to aid in introduction of concepts.
- *Rod & Staff Grade 6 Tests* – Consumable test booklet for skills taught.
- *Rod & Staff Grade 6 Quizzes and Speed Tests* – Consumable booklet of timed drills to help increase speed.
- *Rod & Staff Speed Drill Packet* – Reproducible pages of 100 facts for timed drills.

AMERICAN AND MODERN STUDIES

World geography continues with the focus upon the Americas, Asia, Oceania, and Sub-Saharan Africa, mapping the countries and memorizing the capitals. Students will read the history of the countries studied and learn key facts about them.

Facts on United States history are gathered by reading biographies of historic Americans. Students display their knowledge through participation in teacher-guided classroom discussions. The presidents are reviewed, and more interesting facts about them are learned as well as events and discoveries that shaped our country.

Geography

Students will:

- Display working knowledge of the physical features, culture, and history of countries studied
- Gain introductory knowledge on world geography
- Map each country in the Americas, Asia, Oceania, and Sub-Saharan Africa with correct spelling
- Know the capital of each country studied

American/Modern Studies

Students will:

- Demonstrate full mastery of the U.S. presidents by name in order of service
- Gain exposure to various time periods and events
- Be familiar with historic Americans
- Master significant dates
- Give ancient and modern equivalencies

Texts Used:

- **Memoria Press *Sixth Grade American Studies Book Set*** – Biographies of great Americans.
- **Memoria Press *Sixth Grade American Studies Discussion Questions*** – Teacher's book with questions to aid in facilitating student discussions of the biographies.
- **Memoria Press *Geography I Review Workbook and Key*** – Study guide to aid in student retention of *Geography I* study.
- **Memoria Press *Geography II: Sub-Saharan Africa, Asia, Oceania, & the Americas Set*** – Text, student workbook, and teacher guide.
- **Memoria Press *Geography I-III Flashcards*** – Set of cards to aid in independent study of the physical location of each country and capital.
- **Memoria Press *Timeline Program*** – Description listed below.

SCIENCE

Two units of study are covered this year: birds and the history of medicine. Students learn to recognize over 31 common birds (of the United States), interesting facts about each, and characteristics of birds in general. The second part of the year, students are introduced to how medicine developed from Hippocrates through the study of DNA in today's world.

Students will:

- Compare and contrast
- Master and memorize facts
- Accurately and realistically color birds
- Understand bird communities, nests, eggs
- Practice observing birds in their area
- Gain knowledge about habitats
- Demonstrate in-depth knowledge of bird anatomy
- Identify 31 common birds
- Identify 31 common bird songs
- Understand biodiversity, migration, and extinction
- Display knowledge in major advances in medicine, penicillin, and anesthesia
- Be introduced to key scientists in the development of modern medicine

Texts Used:

- **Memoria Press *What's That Bird?*** – Student reader on subject matter.
- **Memoria Press *What's That Bird? Student Book*** – Student consumable unit study.
- **Memoria Press *What's That Bird? Teacher Guide*** – Teaching companion complete with teaching information, quizzes, and tests.
- ***Peterson First Guide to Birds*** – Supplemental field guide to aid in identification of specific birds.
- ***Peterson Field Guide Coloring Book*** – Detailed pictures of birds for precise coloring.
- **Memoria Press *Birds Flashcards*** – Each of the 31 cards features a color photograph of the bird.
- ***Exploring the History of Medicine* by J. H. Tiner** – Study on how the science of medicine developed over the years.
- **Memoria Press *Exploring the History of Medicine Student Questions*** – Book of supplemental review questions for the Tiner study.
- **Memoria Press *Exploring the History of Medicine Teacher Key & Tests*** – Unit reviews and tests for the Tiner study.

CLASSICAL STUDIES

Students have been introduced to the Greeks, have mastered the Romans, and are now ready to study the transition from the end of these ancient periods to the modern era.

In the same format as the study on Rome, this study of the Middle Ages is a challenge for which sixth grade students are ready. The history of this age, its people, and events provide a cultural knowledge students will rely upon in all their historical studies.

Students will:

- Master 100 facts of medieval history
- Be able to name key people and events of the Middle Ages
- Memorize significant dates
- Gain insight into medieval history and culture
- Gain understanding of connections between cultures and historical causation
- Describe European culture in the Middle Ages
- Memorize England's sovereigns
- Understand transitions from the Roman empire to feudal society
- Explain the conflict between church and state
- Describe the life of Mohammed and the rise of Islam

Texts Used:

- **Memoria Press *Famous of the Middle Ages*** – Text covering the stories of medieval history.
- **Memoria Press *Famous Men of the Middle Ages Student Guide*** – Consumable book presenting facts to know and vocabulary as well as comprehension questions and map practice.
- **Memoria Press *Famous Men of the Middle Ages Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *Famous Men of the Middle Ages Flashcards*** – Fact cards for independent review.
- **Memoria Press *Timeline Program*** – Description listed below.

CHRISTIAN STUDIES

During this year, students complete the comprehensive study of the Bible by covering the life of Christ and the early church as taught in the New Testament.

Students will:

- Understand and discuss various New Testament stories and key characters
- Memorize significant dates
- Master 100 facts to know
- Memorize the New Testament books
- Memorize 33 Scripture verses
- Display familiarity with time-period geography
- Display familiarity with biblical vocabulary

Texts Used:

- *The Golden Children's Bible* – Age-appropriate book of chronological Bible stories with beautifully detailed illustrations.
- **Memoria Press *Christian Studies III Student Book*** – Consumable book including 30 lessons with weekly memory verses, map and timeline work, drill and discussion questions, and review lessons.
- **Memoria Press *Christian Studies III Teacher Manual*** – Companion to the student workbook providing background information for the lessons as well as discussion prompts, quizzes, and tests.
- **Memoria Press *New Testament Flashcards*** – Cards to help facilitate independent review of facts to know from Christian Studies.
- **Memoria Press *Memory Verse Flashcards*** – Cards with the memory verse on one side and reference on the other.
- **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.



MEMORIA PRESS

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*** – Consumable study guides with activities that include vocabulary lessons, comprehension questions for each chapter, and various language arts activities.
- **Memoria Press Poetry for the Grammar Stage Set** – 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 Set** – Level-appropriate words for students to study meaning and phonetic makeup of list words.
- **Memoria Press Third Form Latin Set** – 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 Lingua Angelica** – Latin songbook for translation practice. Partially completed at this grade level.
- **Memoria Press English Grammar Recitation** – 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 Workbook IV** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- **Memoria Press English Grammar Recitation IV Teacher Manual** – Answer key to the student workbook.
- **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: Refutation/Confirmation Stage Set** – 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* – Consumable student workbook which 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.
- *College of the Redwoods Solutions Manual* – Teacher book containing solutions to both odd and even problems from the student text.
- *Memoria Press Pre-Algebra Quizzes & Tests* – Consumable test booklet for skills taught within the pre-algebra course.
- *Memoria Press Pre-Algebra Quizzes & Tests Answer Key* – Answers to the student quiz and test book.
- *Rod & Staff Speed Drill Packet* – Reproducible pages of 100 facts for timed drills.

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
 - » The Constitution
 - » The Slavery Quarrel
 - » The Civil War
 - » Reconstruction
 - » The Spanish-American War
- 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) – Reader covering American history from Columbus to the Spanish-American War.
- *Memoria Press The Story of the Thirteen Colonies & the Great Republic Student Guide* – Student workbook covering comprehension questions, vocabulary, and important facts as well as enrichment activities, mapwork, drawings, research, and writing assignments.

- **Memoria Press *The Story of the Thirteen Colonies & the Great Republic Teacher Guide*** – Teacher book including answers to the student guide, quizzes, and tests.
- **Memoria Press *200 Questions About American History Student Book*** – Student book which includes comprehension questions and poems.
- **Memoria Press *200 Questions About American History Teacher Guide*** – Teacher book including answers to the student guide questions and tests.
- **Memoria Press *200 Questions About American History Flashcards*** – Flashcard set based on the 200 questions study.
- **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*** – Student reader on subject matter.
- **Memoria Press *The Book of Trees Student Book*** – Student consumable unit study.
- **Memoria Press *The Book of Trees Teacher Guide*** – Teaching companion complete with teaching information, quizzes, and tests.
- ***Peterson First Guide to Trees*** – Supplemental field guide to aid in identification of specific trees.
- ***Exploring the World of Biology* by J. H. Tiner** – Study on the science of all living things.
- **Memoria Press *Exploring the World of Biology Student Questions*** – Book of supplemental review questions for the Tiner study.
- **Memoria Press *Exploring the World of Biology Teacher Key & Tests*** – Unit reviews and tests for the Tiner study.

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 covering the stories of heroes, statesmen, and events in Greek history.
- **Memoria Press *Famous Men of Greece Student Guide*** – Consumable book presenting facts to know and vocabulary as well as comprehension questions and map practice.
- **Memoria Press *Famous Men of Greece Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *Famous Men of Greece Flashcards*** – Fact cards for independent review.
- **Memoria Press *The Greek Alphabet Student Book*** – Student workbook providing practice in formation of the Greek letters.
- **Memoria Press *The Greek Alphabet Teacher Key*** – Introductory study of the Greek language by learning the alphabet through formation instructions, facts, hints, and questions with helpful instructions for the teacher.
- **Memoria Press *Horatius at the Bridge Study Guide*** – Comprehensive guide which includes the 70 stanzas with vocabulary help, maps, character and plot synopses, meter, and comprehension questions along with 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*** – Overview of each book of the Bible.
- **Memoria Press *Christian Studies IV Student Book*** – Consumable book including lessons with weekly memory verses, map and timeline work, drill and discussion questions, and review lessons.
- **Memoria Press *Christian Studies IV Teacher Manual*** – Companion to the student workbook providing background information for the lessons as well as 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.



MEMORIA PRESS

EIGHTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Reading selections become increasingly challenging. Works are studied in their entirety. Students will still be guided through discussions of what they have read to be sure the fullness of the American short stories or poetry is digested. Vocabulary and base knowledge of the time period will provide the cultural literacy needed to facilitate this type of study. Central themes are highlighted through teacher-led discussions. Students will begin to write essays in response to what they have read and discussed.

In eighth grade, students are guided through the next stage of the *progymnasmata*. Here students learn the six types of arguments and master how to construct, arrange, and execute them in a persuasive essay. Lessons are guided through a series of exercises. Each exercise focuses on a distinct portion of the final essay. Students continue to develop their use of figures of speech and description. Thesis sentence construction is a point of focus at this level.

This is the final year for a focused study of English grammar as a separate subject. Students will continue to gain practice in grammar within the Latin program. They will complete their study of the Latin grammar in preparation for translation of literary works.

Reading

Students will:

- Orally read with level-appropriate fluency, expression, and understanding
- Display understanding of historical background of each book
- Engage in moral reflection
- Glean meaning of unknown vocabulary from context
- Comprehend at a literal and inferential level
- Be familiar with key quotations
- Understand quotations in the context of the story
- Master literary elements: plot, character, setting
- Be familiar with key literary terms and their application to the text
- Appreciate good literature
- Summarize correctly
- Further develop writing skills
- Gain background knowledge of Shakespearean theater
- Memorize poetry

Composition

Students will:

- Summarize correctly
- Further develop writing skills
- Develop ability to arrange arguments more effectively
- Display advanced usage of figures of description and speech

- Master the six forms of argument: Legality, Justice, Expediency, Possibility, Honor, Consequence
- Expand their writing style
- Display greater grammatical expertise
- Expand use and understanding of figures of description and figures of speech

Grammar

Students will:

- Correctly use the active and passive voice
- Master application of the subject/verb agreement rule
- Properly use English in oral and written form
- Write effective sentences using the seven basic qualities of unity, coherence, conciseness, parallelism, action, emphasis, and variety
- Recognize and properly use the six classes of pronouns
- Recognize and use adjectives correctly
- Recognize and use adverbs correctly
- Distinguish between adjectives and adverbs
- Use prepositions correctly
- Use coordinating and subordinating conjunctions correctly
- Identify and not overuse interjections
- Master diagramming the parts of speech

Penmanship

Students will:

- Continue perfection of legibility and beauty in handwritten material

Latin

Students will:

- Expand upon the grammar and vocabulary foundation of prior *Forms*
- Memorize new vocabulary and grammar forms
- Complete basic Latin grammar
- Master participles, infinitives, gerunds, and gerundives
- Master irregular verbs and deponent verbs
- Master plural nouns
- Master pronouns, both relative and interrogative
- Understand the locative case
- Shift in focus to translation and syntax, leading to the ability to regularly translate paragraph and multiparagraph readings
- Understand new grammatical concepts

Texts Used:

- **Memoria Press Literature Guides for *Treasure Island*, *Tom Sawyer*, *The Wind in the Willows*, and *As You Like It*** – Consumable study guides with activities that include vocabulary lessons, comprehension questions for each chapter, and various language arts activities.

- *Bard of Avon* by Diane Stanley – Biography of William Shakespeare.
- **Memoria Press Poetry & Short Stories: American Literature Set** – The student guide provides vocabulary work and includes questions to help analyze the meanings of poems through each stage of logic. Anthology and teacher guide also in set.
- **Memoria Press Fourth Form Latin Set** – Latin grammar program which reviews the previous three levels of study with the addition of more advanced grammar with longer, more challenging translation passages, completing the formal study of Latin grammar.
- **Memoria Press Lingua Angelica** – Latin songbook for translation practice. The remaining portion is completed at this grade level.
- **Henle Latin I Set** – Used in conjunction with *Fourth Form Latin* to facilitate the transition to translation of larger passages. Set includes *Henle I* text, *Henle Grammar*, and *Henle I Answer Key*.
- **Memoria Press English Grammar Recitation** – 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 Workbook V** – This book covers two or three grammar questions in each lesson with accompanying written implementation practice.
- **Memoria Press English Grammar Recitation V Teacher Manual** – Answer key to the student workbook.
- **Core Skills Language Arts 8** – Student guide to be used as an independent practice supplement to both *Fourth Form Latin* and *English Grammar Recitation*.
- **Memoria Press Classical Composition: Common Topic Stage Set** – Level V of the *progymnasmata* method of teaching composition including thorough review of previous stages.

MATHEMATICS

Students will be required to use advanced concepts introduced in pre-algebra and apply them adequately. A plethora of exercises ensures students grasp which algebraic concepts should be applied to a given problem. This year, students learn the grammar portion of this new language called algebra. The focus for this year is spent preparing to work with quadratic equations.

Students will:

- Work with integers and rational numbers
- Recognize monomial and polynomial expressions
- Apply exponents to monomial and polynomial expressions
- Perform arithmetic with polynomial expressions
- Be able to factor polynomial expressions
- Use ratios and percent expressions
- Use absolute value in an expression
- Use rational expressions
- Learn rules of equality within equations
- Use and solve proportions
- Solve a system of linear equations graphically
- Use the substitute method and elimination method to solve a system of two linear equations with two variables
- Solve a system of quadratic and linear equations graphically
- Use polynomial factoring techniques together with the zero-product property to solve quadratic equations

- Solve equations with a radical term or expression
- Employ the quadratic formula to solve quadratic equations
- Solve word problems with: rate, concentration and mixture, percent
- Learn arithmetic rules for inequalities
- Graph an inequality or system of two equalities
- Work with: Cartesian coordinate system, ordered pairs, parallel slope, perpendicular slope, line given a point and slope, and absolute value equation
- Apply and use the Pythagorean theorem

Texts Used:

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

HISTORY AND GEOGRAPHY

This year, the study of geography will focus on solidifying mapping skills, including labeling of major landforms. In addition, students study world climates, history, cultures, and religions. Students practice their mapping skills weekly. The Robinson Map Project (learning to draw the world from memory) is available as honors work.

Students will:

- Master world geography
- Identify countries and capitals of the major countries of the world
- Identify key geographical features of these countries
- Be able to draw and label the continents
- Have knowledge of important history, religion, language, culture, topography, and famous landmarks for each major region in the world
- Demonstrate familiarity with an atlas and the subsequent understanding of climate, population, and other map patterns

Texts Used:

- *Memoria Press Geography III Set* – Text, student guide, flashcards, and teacher key containing thorough information, illustrations, and maps pertinent to the study. The teacher's book contains quizzes and tests.
- *Classroom Atlas* – Recommended supplement to the study.

SCIENCE

Students will study the ancients' understanding of the Earth and their early observations and experiments. Early civilizations are studied for their role in early navigation and exploration. The contributions of the early explorers and their relation to the discovery of the New World are studied as well.

Students will:

- Understand key explorers and their discoveries
- Acquire scientific vocabulary
- Have knowledge of terms regarding the Earth's topography
- Appreciate Creation and the order and beauty of the Earth
- Have working knowledge of wind and tides
- Have working knowledge of how a compass works
- Understand latitude and longitude
- Understand the discovery of ocean tides
- Master the three spheres of Earth
- Understand glaciers and rivers
- Understand the use of hot air balloons and exploration
- Have working knowledge on the invention of the airplane
- Understand space exploration

Texts Used:

- *Exploring Planet Earth* by J. H. Tiner – Student reader on subject matter.
- **Memoria Press** *Exploring Planet Earth Student Questions* – Student consumable unit study.
- **Memoria Press** *Exploring Planet Earth Teacher Key & Tests* – Teaching companion complete with teaching information, quizzes, and tests.

CLASSICAL STUDIES

Building upon the study of major Greek figures from last year, students continue with a historical overview of this key civilization. Then students spend half of this pivotal year immersed in a complete reading of Homer's *Iliad* and *Odyssey*.

Students will:

- Understand background information about Homer
- Have knowledge of key places and characters in Greek history
- Be familiar with the varied religious, historical, and genealogical information in Homer
- 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 Homer and epic literature
- Compose answers to in-depth questions

- Memorize key passages in Homer
- Identify significant quotes from the text

Texts Used:

- **Memoria Press *The Book of the Ancient Greeks* by Dorothy Mills** – Text covering the stories of the history of Greece and its Golden Age.
- **Memoria Press *The Book of the Ancient Greeks 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 Greeks Teacher Guide*** – Provides information key to this study including quizzes and tests.
- **Memoria Press *The Iliad* translated by Samuel Butler** – Poem by Homer.
- **Memoria Press *The Iliad Student Guide*** – Consumable book with key facts to know, quotes, vocabulary, maps, and comprehension questions.
- **Memoria Press *The Iliad Teacher Manual*** – Answer key with quizzes and tests as well as a cumulative final.
- **Memoria Press *The Odyssey* translated by Samuel Butler** – Poem by Homer.
- **Memoria Press *The Odyssey Student Guide*** – Consumable book with key facts to know, quotes, vocabulary, maps, and comprehension questions.
- **Memoria Press *The Odyssey Teacher Guide*** – Answer key with quizzes and tests as well as a cumulative final.

CHRISTIAN STUDIES

To complement the study of ancient civilizations within Classical Studies, students will explore geography, culture, architecture, and prominent people within the beginnings and rise of the ancient Middle East. Students will learn about the rise of Christianity and the effect it had on neighboring countries.

Students will:

- Have concrete understanding of the culture, context, and setting of the Bible as it relates to the civilizations surrounding the Hebrews
- Have working knowledge of key characters, places, and events from this time period
- Acquire new vocabulary
- Know key quotations from ancient sources
- Use primary sources
- Critically read and analyze text
- Appreciate the cultural contributions of the ancient world
- Be able to discuss key quotations of ancient historians
- Compose answers to in-depth questions from the text

Texts Used:

- **Memoria Press *The Book of the Ancient World* by Dorothy Mills** – Text covering the stories of the history of ancient civilizations and how they were shaped by Christianity.
- **Memoria Press *The Book of the Ancient World 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 World Teacher Guide*** – Provides information key to this study including quizzes and tests.

GREEK

Once students have a solid foundation in Latin, the addition of Greek should be considered. Latin introduces students to concepts such as case, gender, declensions, conjugations, and agreement. Greek is harder than Latin: It has a different alphabet, overlapping sounds, and many diphthongs, all of which make spelling more difficult. It is also less regular than Latin. Students at this level are able to address this challenge.

Students will:

- Know the Greek alphabet
- Master six indicative active tenses of the Omega Verb
- Master 1st and 2nd declension nouns
- Work with 1st and 2nd declension adjectives
- Be familiar with 1st, 2nd, and 3rd person pronouns and demonstrative pronouns

Texts Used:

- **Memoria Press *First Form Greek Set*** – Introductory Greek grammar course.



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.



MEMORIA PRESS

TENTH GRADE SCOPE & SEQUENCE

LATIN AND LANGUAGE ARTS

Over the previous year's study of literature, focus has shifted to more critical analysis and less about the mechanics of reading. Students need to have a thorough understanding of the historical background of the story and knowledge of the time period in which the story takes place to be able to digest the literary classic.

In tenth grade, students continue to progress through the stages of the *progymnasmata*. This year, composition centers on personification. Students compose colorful essays of imitation as they portray characters in person or image. Topic (thesis) sentence development is a focal point during this year. Clarity and concision are displayed as the Heads of Purpose and Development are applied.

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.

Now that students have completed their grammatical study of the Latin language, translation becomes the focus of study at this juncture. Students have been prepared for the rigor and challenge of translating Julius Caesar's *De Bello Gallico*. The text contains the lines from Caesar on the AP test and contains footnotes, historical background, and other resources to provide the context necessary for success.

Reading

Students will:

- Orally read with level-appropriate fluency, expression, and understanding
- Critically read and analyze
- 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 great works of American literature
- Gain background knowledge of Shakespearean theater
- Memorize key passages

Composition

Students will:

- Develop the art of personification
- Show logical arrangement of thoughts and ideas
- Clearly express ideas
- Display expanded vocabulary
- Show advanced ability to convey thought with brevity
- Expand use of grammar
- Demonstrate heightened syntactical control

Penmanship

Students will:

- Continue perfection of legibility and beauty in handwritten material

Latin

Students will:

- Heighten their understanding of Caesar, his life, legacy, and writing
- Work toward reading the Latin smoothly, accurately, and naturally
- Acquire new vocabulary words and review previously mastered ones
- Expand translation skills and the ability to correct mistakes, working toward a natural sounding translation

Texts Used:

- **Memoria Press Literature Guides for *The Scarlet Letter*, *Romeo and Juliet*, *Julius Caesar*, and *To Kill a Mockingbird*** – Study guides include vocabulary lessons, comprehension questions, Socratic discussion questions, and various other language arts activities.
- **Memoria Press Poetry & Prose Book II Set** – Study guides accompanying an anthology from the Elizabethan to the Neoclassical Age.
- **Mueller's Caesar De Bello Gallico Text and Teacher's Guide** – Student text and accompanying teacher guide provide students with the background information and vocabulary needed to translate the adventures of Caesar during the wars in Gaul.
- **Memoria Press Mueller's Caesar De Bello Gallico Lesson Plans** – Step-by-step approach for teaching Latin translation as well as a schedule for the work.
- **Memoria Press Classical Composition: Characterization Stage Set** – Level VII of the *progymnasmata* method of teaching composition including review of previous stages.

MATHEMATICS

Geometry teaches deductive reasoning skills in the context of continuous quantity. Students no longer rely on memorization and responses. Knowing "how" and "why" become key. The text chosen is based on Euclidean geometry while including modern terminology. It provides a balanced approach to the subject. The main objective of this subject is that students recognize that geometry and measurement are all around them. Students will be able to expand their knowledge about lines, planes, angles, and triangles and be introduced to mathematical proofs and geometric constructions.

Geometry

Students will:

- Be able to reason mathematically
- Be able to make reasonable conjectures in search of truth
- Develop problem-solving skills
- Visualize geometric figures as a whole
- Apply the following: thinking skills, reasoning, analysis, interpreting, recall and transfer, applying concepts, classification, spatial perception, and synthesis
- Understand the meaning of technical terms
- Draw accurate figures and graphs as they solve geometric problems
- Read and understand the organization of a proof

- Reproduce statements of theorems, postulates, and definitions accurately
- Work with points, lines, planes, and angles
- Understand congruent triangles, right triangles, quadrilaterals, polygons, circles, and inequalities
- Become familiar with trigonometry law of sines/cosines
- Work with constructions and loci
- Find the area of plane figures
- Find the volumes of solids
- Work with coordinates and transformations

Texts Used:

- *McDougal Littell Geometry Set* – Student text, teacher's text, and solution key which provide exercises, examples, sample problems, and practice with various geometry skills as well as tests and solutions.

HISTORY AND GEOGRAPHY

This year of our comprehensive high school-level study of American history begins with the end of Reconstruction and continues through the late twentieth century. Social, economic, and political issues are discussed, and understanding is ascertained through the provided comprehension questions and tests.

American History

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 age-appropriate discussion of text
- Write essays related to the unit of study and incorporate supporting details and well-reasoned arguments
- Increase their cultural literacy
- Give critical analysis of text
- Demonstrate familiarity with primary sources

Texts Used:

- *A Concise History of the American Republic, second edition by Morison, Commager, and Leuchtenburg* – Historical anthology of the people, places, and events that shaped America.
- *Memoria Press A Concise History of the American Republic Year 2 Student Guide and Teacher Guide* – Student consumable book and teacher answer key for use with the second part of *A Concise History*.

SCIENCE

Biology is the branch of science for this level. Students are ready to investigate living organisms in a structured and organized manner. Infrequent labs and demonstrations, when well-prepared, aid in facilitating memory of more abstract and unfamiliar topics. A thorough study of cells, the classification system of all living things, the fundamentals of genetics, ecology, and the role of interdependence as well as the study of various graphing systems for recording data are covered during this year.

Students will:

- Understand the in-depth overview of biology
- Acquire scientific vocabulary and memorize key terms and scientists
- Make comparisons between previously learned material and new concepts and ideas
- Predict results when posed with possible scenarios
- Calculate information and analyze models
- Make inferences and evaluate information

Texts Used:

- *Modern Biology* by Holt, Rinehart, and Winston – Complete text for the subject of biology.
- *Memoria Press Modern Biology Student Guide* – Consumable guide including vocabulary, comprehension questions, and diagrams for select chapters.
- *Memoria Press Modern Biology Teacher Guide* – Includes comprehensive student answers to vocabulary, comprehension questions, and diagrams for select chapters with section summaries and review information.
- *Memoria Press Modern Biology Tests* – Consumable test booklet.
- *Biology Coloring Workbook* – Consumable book to aid in memorization of diagrams.

CLASSICAL AND CHRISTIAN STUDIES

This year in Classical Studies, students will read Greek tragedies by Sophocles, Euripides, and Aeschylus. A heightened appreciation for the human condition will be internalized. Christian Studies builds upon student knowledge of the rise of Christianity from last year and turns focus to the history of the early church. Students will explore and interact with ideas from the early church through the use of ancient documents.

Students will:

- Display in-depth understanding of Greek drama and its structure, form, and style
- Define key vocabulary in texts
- Engage in Socratic discussion about text
- Find and summarize the central idea using supporting details from the text
- Compose answers to in-depth questions
- Appreciate the Greek drama and its contribution to Western civilization
- Memorize significant passages
- Orally read the drama with fluency and expression
- Understand the expansion and reach of the earliest Christians
- Complete primary readings from early important Christian documents

- Be familiar with key theological terms, significant church fathers, ecumenical councils, and heresies of the early church
- Summarize the main ideas of each era's most influential thinkers and theologians
- Answer thought-provoking questions regarding an array of historical issues
- Understand the development of the church and its practices, liturgy, and canon
- Engage with pagan philosophies and their interaction with the early church's developing theological traditions

Texts Used:

- **Memoria Press Greek Tragedy Series: *Medea & Other Plays Set*** – Novel, student workbook, and teacher guide. Student consumable contains historical background, vocabulary, and comprehension questions while teacher guide contains lesson aides, quizzes, and tests.
- **Memoria Press Greek Tragedy Series: *The Three Theban Plays Set*** – Novel, student workbook, and teacher guide. Student consumable contains historical background, vocabulary, and comprehension questions while teacher guide contains lesson aides, quizzes, and tests.
- **Memoria Press Greek Tragedy Series: *The Oresteian Trilogy Set*** – Novel, student workbook, and teacher guide. Student consumable contains historical background, vocabulary, and comprehension questions while teacher guide contains lesson aides, quizzes, and tests.
- ***The Early Church* by Henry Chadwick** – Investigation of the history of the church. This is used as the main text for the study.
- **Memoria Press *History of the Early Church Student Guide*** – Consumable book with key facts to know, quotes, vocabulary, maps, and comprehension questions.
- **Memoria Press *History of the Early Church Teacher Guide*** – Answer key with tests and final exam.

LOGIC

In the previous year, students were taught how to reason and how to determine whether an argument is valid. This course addresses how what we reason about can affect how we reason. It is more philosophical in nature and is appropriate for the high school level. By the end of the year, students will also have an understanding of the three branches of philosophy and the place of logic within this study.

Students will:

- Master significant terms, principles, and theories, along with their important historical context and development
- Understand the Ten Categories and the principles of their division
- Understand the Five Predicables and the principles of their division
- Understand the Porphyrian Tree and the principle of division it assumes
- Apply the basic principles of definition
- Determine each of the four causes of things—whether formal, material, efficient, or final—and explain their interworking

Texts Used:

- **Memoria Press *Material Logic*** – Consumable book presenting text and vocabulary as well as comprehension exercises.
- **Memoria Press *Material Logic Teacher Key*** – Provides information key to this study including quizzes and tests.