



Expected 8th Grade Learning Results



Cair Paravel Latin School



Grammar & Composition

8th grade composition continues the writing program of 7th grade. By the end of the year, students will have collected and mastered enough tools to transform both their understanding of the craft of writing and their ability to practice it. Students will be assessed on their writing as they progress through each module, as well as the completed essay. Grammar skills will be honed in the context of the writing exercises. Additionally, oral communication skills will also be taught and practiced. Above all students will be encouraged to see language as a gift from God and to view it as a tool that can be used to serve and glorify Him.

Students will:

- Be trained to use the “invention” rules to come up with ideas to write about
- Be trained to use the “arrangement” rules to order the ideas discovered
- Be trained to use the “elocution” cannon to help express the discovered ideas appropriately
- Be equipped with the tools to be able to write a complete persuasive essay

Logic II

This is the second in a sequence of two courses that engage in the formal study of Logic. 8th grade logic focuses on training the student to think well and construct arguments that are logically valid. In addition, students continue to be exposed to informal fallacies with a view to students becoming more adept in recognizing them in theirs and their peers’ writing.

Students will:

- Test for validity in syllogisms
- Practice the identification of informal fallacies
- Translate ordinary sentences into logical statements
- Apply current topic to practical application



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Mathematics (Algebra I)

Algebra I develops an understanding of algebra by justifying methods and by explaining how to solve problems. Concepts discussed include graphing, solving systems of equations, operations with polynomials and radicals, factoring polynomials, solving rational equations, and graphing quadratic functions.

Students will:

- Understand the learning and application of algebra from a Christian worldview
- Demonstrate proficiency in algebraic knowledge and skills
- Interpret, write and evaluate algebraic expressions
- Model mathematical conditions through writing, solving and graphing equations and functions
- Analyze functions using various representations
- Read, analyze, algebraically represent, and solve real-life applications



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Bible & Theology- Wisdom Literature and the Prophets

The 8th grade Bible student works with the Old Testament books of the Bible that fall under the two genres of Wisdom literature and of Prophets. Using these two broad categories as our content this student will study concepts such as God's sovereignty, wisdom and folly, the Law, grace, the roles of the prophets and their literature and how these big ideas affect the way we live today. In order to study these books and concepts, students will be trained in basic Bible study skills to better understand Hebrew poetry, see patterns both in writing style and in choices made by characters to discern meaning and change how they interact with God.

In addition to the above material students will memorize and meditate on approximately 30 of the catechisms (questions and answers) contained in the Westminster Shorter Catechism so that the bedrock truths contained in them may help to form a solid foundation of truth

Students will:

- Identify writing structures present the type of literature they are reading
- Identify types of literary devices and poetic elements used in literature
- Identify certain phrases used by authors to denote the type of message they are meaning to convey to their audience
- Connect historical context to the writing to discern meaning



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History- Western Civilization II: Late Ancient to Early Medieval

The primary goals of a study in history are to discern wisdom from the actions of people in the past, develop an appreciation for what has been, and begin to develop a sense of how history affects us today. This class accomplishes those goals through: the use of material written during the time periods discussed and material, personal research on topics individual students are interested in, use of visual media, and a natural integration of geography and map skills.

Students will:

- Read attentively with same methods as used in literature class
- Match pictures of characters or people groups with pictures
- Identify major works of art and architecture for the periods studied
- Use a map of the area studied to trace movements of people and locations of cities, regions, and other geographical features
- Evaluate primary source materials
- Correctly place people and events on a timeline



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Literature

In the 8th grade literature program a mixture of classic novels, plays, shorter works, and poems work together to accomplish the goal of cultivating wisdom and wonder. Students are trained to: contemplate the choices and actions made by characters, consider the truths contained in exhortative texts, place themselves in the midst of the works we read and enjoy the sounds and construction of the works of poetry. In addition, students are trained in a set of tools designed to help attentive reading and increased eloquence.

Students will:

- Read a text attentively by reading multiple times with a view to noticing different aspects of the text each time then observing the text to identify figures of speech and enjoyable lines, passages, scenes or words
- Read attentively for the purpose of generating questions while reading so that the text is more interactive
- Read aloud fluently with clear diction
- Read aloud with appropriate emphasis
- Assess the choices and actions of characters
- Memorize poetry and passages
- Compare and contrast the actions and choices of characters
- Identify and interpret themes
- Focus on live or recorded speakers with full attention
- Narrate personal understanding by repeating main ideas and asking questions
- Answer questions precisely



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Science

Year-Long Unit: Physical Sciences

The 8th grade science student will study the physical sciences in the two broad categories of chemistry and physics. This is meant to be an introductory class covering the grammar for each of those topics and beginning to make larger connections using tools of logic to further student understanding.

Students will:

- Observe different attributes of matter
- Conduct appropriate use of laboratory equipment to find mass, and volume and density of materials
- Balance basic chemical equations
- Learn to classify: types or properties of matter, types of reactions, and types of energy
- Construct graphs appropriate for the data
- Solve basic math formulas for an unknown
- Communicate appropriately for the situation studied in class
- Predict outcomes of situations