

Cornerstone Christian School
8th Grade Course Catalog
For the 2018-2019 School Year

Bible

New Testament Survey –A study of our Lord’s earthly ministry as recorded in Matthew and John with emphasis on Christ as the substance of the Old Testament shadows, the mediator of the New Covenant, the Lord of creation, and the Savior of the world. Textbooks: *The Holy Bible; Shadow and Substance*, Part II by Greg Uttinger.

Math

Math 8 (Pre-Algebra) – This class gives a complete review of all arithmetic topics, broadening them to include algebraic applications and multiple strategies for problem solving. Much of the text is devoted to algebra and related topics, measurement, numbers and operations, problem solving, data analysis and probability, and geometry. The class includes graphing, scientific notation, statistics, equations with two variables, and an introduction to trigonometry. Beginning with the 09-10 school year, students planning to enter the next level of math will be required to take an entrance exam to assess their readiness. Text: *McGraw Hill Glencoe*.

Algebra I (high school course) - A study of the basic concepts of algebra, including rational and radical functions and equations, positive and negative numbers, graphing, polynomials, factoring, and linear and quadratic equations, linear inequalities, statistics and probability, and geometry. Beginning with the 09-10 school year, students planning to enter the next level of math will be required to take an entrance exam to assess their readiness. Text: *Algebra I* (Mc Graw Hill Glencoe)

Grammar and Composition

Writing & Grammar 8- reviews the eight parts of speech, five basic sentence patterns, usage, and mechanics, and discusses grammar elements such as participles, gerunds, and infinitives. Dictionary skills, library skills, study skills, and the writing process are also part of the year's work. Writing projects include a news report, a character profile, a short fable, an informal debate script, a photo essay, and an in-class essay. Texts: *Writing and Grammar 8 (3rd ed.)* (BJUP); *A Manual for Writers of Term Papers, Theses, and Dissertations* by Kate L. Turabian.

Literature

World Literature - A survey of World literature from ancient to modern times with particular emphasis on the history of ideas. Students will study basic literary devices, such as: character development, plot, theme, setting, and imagery. Text: *A Tale of Two Cities* by Charles Dickens; *The Strange Case of Dr. Jekyll and Mr. Hyde* by Robert Lewis Stevenson, *Around the World in 80 Days* by Jules Vern, *Murder on the Orient Express* by Agatha Christie; and *World Literature* (ABeka).

History

American History begins with the discovery of the New World, taking us through how our nation was established, the special men who God used. It goes through the different eras that our country grew and changed, how we became a world power after the wars, the challenges we had in the sixties, and through our current president. *The American Republic* (BJU Press)

Science

General Science with physical science emphasis. Students begin their study with a section on astronomy, in which they learn how the heavens proclaim the glory of God. Several chapters introduce and reinforce the basic principles of matter and motion and lay the foundation for high school physics. Science versus the false philosophy of evolution is carefully presented to give students a clear understanding of God's truth. Chapters on magnetism and electricity complete the text. Demonstrations and student activities are suggested. Text: *Earth and Space* (ABeka). The fourth quarter is a unit on health.

Physical Education

Boys' and Girls' P.E.—Students will learn and practice skills for various sports, including basketball, tennis, and soccer. Students will learn flexibility and strength building techniques, and be encouraged to pursue overall fitness through the *Presidential Physical Fitness Program* conditioning and testing. There will be a heavy emphasis on teamwork and the spiritual dimension of physical fitness and athletics.

Chorus

Junior High Chorus meets three days per week and focuses on vocal music and training, including harmony, proper vocal technique (tone, vowels, posture, breathing, etc.), sight singing basics, rhythm as well as music theory basics and performance techniques. The JH Chorus will perform at school concerts and other events as available (school chapel, care home visit, etc.).

Art