

EIGHTH GRADE

ALGEBRA

This course reinforces and expands upon skills from Pre-algebra, while introducing many of the basic principles of algebra, plane geometry, and beginning trigonometry. Concepts such as solving equations and inequalities (integer or rational), polynomials, factoring, ratios (proportions and percents), graphing, systems of equations, square roots, quadratic equations, and statistics are discussed. Technology applications and applications to everyday situations are integrated in the lesson.

ALGEBRA ACCELERATED

This course reinforces and expands upon skills from Pre-algebra, while introducing many of the basic principles of algebra, plane geometry, and introductory trigonometry. This course is taught at a quicker pace and is able to introduce topics that are not able to be discussed in the non-accelerated class. Applications to everyday situations are integrated in the lesson. Concepts such as solving equations and inequalities (integer or rational), polynomials, factoring, ratios (proportions and percents), graphing, systems of equations, square roots, quadratic equations, probability and statistics are discussed. Additional topics such as graphing quadratic equations, Quadratic Formula, and right triangle trigonometry are covered, which are among topics that are rarely discussed in the non-accelerated class.

BIBLE

The Eighth Grade, OT Bible Truths course is a character study from the historical portion of the Old Testament. The course seeks to challenge the students to emulate the heroes of the Old Testament and to avoid the negative characteristics of some characters. Each section will emphasize a character quality that the student is to develop, an action they are to perform, or a truth they are to believe. The course's deeper study reveals God's plan, weaved through scriptures, the Gospel of Jesus.

ENGLISH

This course is designed as a foundation in basic language skills needed for further advancement in high school. With our extensive study in grammar the student will be able to develop his composition skills in creative writing as well as technical writing on book reviews and a research paper. Reading and memorization skills are reinforced by weekly lessons in spelling, vocabulary, and literature. Literature encompasses novels, non-fiction works, short stories, and poetry drawn from classical as well as modern sources. PSAT testing and preparation is provided.

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PHYSICAL EDUCATION

Physical Education is an activity based course that provides students with instruction and opportunities to develop skills in various sports and activities that promote physical fitness. Students receive instruction and opportunities to play various sports including, but not limited to basketball, badminton, floor hockey,

volleyball, soccer, softball, team handball, and flag football. Students participate in games and tournaments to teach sportsmanship, teamwork, and sport appreciation.

EARTH SCIENCE

The student will climb mountains, dive into the oceans, and be launched into the skies as they learn how the world works. A portion of the student's exploration of the universe and of our earth will be conducted through the World Wide Web utilizing such sites as Google Earth. The student will observe the universe and explore such ideas as the following: Where did it all come from? How is it changing? What is the significance of all this? What is man's role in all this? Earth Science is divided into six units. Unit 1 sets the stage by giving the students the tools to use. An example of science and worldview, a survey of mapping, and physical science concepts will equip the student to handle Earth science concepts. Unit 2 will explore Earth's tectonic processes, the landforms, and events they produce. Unit 3 examines Earth's rocky materials and how they change with varying conditions. Unit 4 launches the students into the water world with a study of oceans, lakes, rivers, and ground water. Unit 5 studies the atmosphere with its storms, varying conditions, and climate. Unit 6 probes space, beginning with the sun-moon-earth system and moving out to the expanse of the universe.

UNITED STATES HISTORY

This course provides a chronological overview of United States history beginning with pre-Colonial settlements up through present day events. Special attention will be given to key figures and events in the founding and shaping of America. The course also includes a detailed study of the United States Constitution and how it affects our government today.

ELECTIVES:

ART

This course is an introduction to nineteen mediums of art. Grades and credit are received for this class. This class is offered to 7th-12th students who have art experience and/or are interested in developing their skills in different areas of art. The course consists of art instruction, individual assignments, art projects, and preparation for competition. Students will participate in art exhibits, art competitions, and the opportunity to compete in the IACS JH/SH Fine Arts Tournaments. The senior high winners from this competition will go to the national competition in South Carolina. The course is designed to help the student learn from a Christian view point why God created art and how it can be used in different career fields and everyday life.

BAND

This course is offered to those students who have at least one year of experience and instruction on their instrument. The student will need to purchase or rent their instrument. This course is designed to help each student further develop their musical talents for God's glory.

CHOIR

Choir is an auditioned-elective course that meets twice a week for the junior high students. Our choral program is designed to educate and train students in the development of their voices. They also learn the joy of singing in a larger group. The SCS choral program seeks to train proper vocal techniques and to expose the students to a wide variety of excellent sacred, secular, and art song repertoire in the choral field of music. Our choirs perform throughout the community as well as in concerts on the SCS campus. Every year they participate in state choral competitions.

FAMILY SCIENCE

This course is designed to help the student understand herself as a teenager. Basic topics covered are nutrition, food preparation, grooming, self-concept, manners, child care, hand sewing and cross stitch. Emphasis will be made on helping her to prepare herself not only for her future skills, but also for her present roles of service. Food labs, babysitting project, and cross stitch are always favorite activities.

STRING ENSEMBLE

This course is available to 7th to 12th grade string instrumentalists who are at an intermediate to early advanced level. This course exposes students to a variety of classical string literature and gives students the opportunity to develop ensemble skills. String Ensemble performs in one concert each semester.