

NINTH GRADE

ALGEBRA I

This course presents the 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, simplifying expressions, square roots, quadratic equations, and statistics are discussed. Technology applications and applications to everyday situations are integrated through the curriculum.

BIBLE

This course uses the Scriptures to reprove, rebuke, and exhort. Each class is filled with biblical principles and applications designed to introduce the students to the Savior and help them nurture a deeper relationship with Him. Class themes are handled both thematically and textually.

COMPUTER APPLICATIONS

This course provides an overview of computer applications including a brief introduction to computer concepts, Microsoft Windows, Google Application Suite, and integration of the applications. In the first quarter, students will learn both basic concepts within each application as they create professional looking documents, functional spreadsheets, stylish presentations, dynamic survey forms, and organized websites. In the second half of this course the students will enjoy learning the basics of HTML and CSS.

ECONOMICS

This course provides an overview of basic economic principles and practices. Special attention is given to defining and explaining key economic ideas as they apply in present day economic systems throughout the world. Several practical aspects of economics will be studied including subjects like personal budgeting and the stock market.

ENGLISH

This course is designed as a further study of language skills needed for advancement in high school and preparation for college. The course contains an extensive study in grammar as well as sections devoted to developing composition, creative writing, and technical writing skills. Reading and memorization skills are reinforced by weekly lessons in spelling, poetry, vocabulary, and literature. Literature encompasses novels, non-fiction works, short stories, and poetry drawn from classical as well as modern sources. Traditional cumulative testing, quizzing, homework, and writing assignments reinforce the materials.

ENGLISH HONORS

This course is designed as a further study of language skills needed for advancement in high school and preparation for college. The honors course contains an extensive study in grammar as well as sections devoted to developing composition, creative writing, and technical writing skills. Reading and memorization skills are reinforced by weekly lessons in spelling, poetry, vocabulary, and literature. Literature encompasses novels, non-fiction works, short stories, and poetry drawn from classical as well as modern sources. Traditional cumulative testing, quizzing, homework, and writing assignments reinforce the materials. What sets this course apart is its extraordinary focus into the core material as well as additional studies in related concepts. Related concepts include additional compositions, higher level spelling studies, more intense poetry instruction, and higher vocabulary training.

GEOMETRY HONORS

This course is designed to discover and explore the many theorems and postulates (along with corollaries) attributed to Euclidean Geometry. Previous instruction concerning angles and relationships are expounded upon, as applications to real life are discussed. There is an extra emphasis on inductive/deductive reasoning, and logical reasoning in the form of proofs (2 columns and indirect). Students are able to construct various shapes with a compass and a straight edge. Other topics include points, lines, segments, rays, angles, planes, congruency, parallel, perpendicular, properties, logical statements, polygons, medians, altitudes, bisectors, triangle inequalities, quadrilaterals, similarity, right triangles, trigonometry, circles, secants, tangents, area, volume, coordinate and transformational geometry.

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.

PHYSICAL SCIENCE

Physical science is a course designed to study the basics of chemistry and physics. The topics studied in the area of chemistry include the following: the scientific method, metric system, states of matter, the atom and periodic table, chemical bonding and reactions, and acids and bases. The concepts covered in the area of physics are Newton's laws of motion, energy and its forms, work and simple machines, thermal energy and heat transfer, electricity, magnetism, sound, the electromagnetic spectrum and light. Class demonstrations and labs reinforce the sections taught.

PHYSICAL SCIENCE HONORS

The course is designed to study the areas of chemistry and physics in more detail than found in a regular physical science course. The topics studied in the area of chemistry includes: the scientific method, metric system, states of matter, the atom, the periodic table, chemical bonding and reactions, and acids and bases. In the area of physics, the topics studied are speed and acceleration, Newton's laws of motion, energy and its forms, work and simple machines, thermal energy and heat transfer methods, electricity, magnetism, sound, the electromagnetic spectrum and light. Selected topics for a deeper study in the areas taught, classroom demonstrations and laboratory exercises add to the depth of the course and reinforce what is taught.

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 two year's experience and instruction on their instrument. The students will need to purchase or rent their instrument. This course is designed to help students further develop their musical talent for God's glory.

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.

CHOIR

Choir is an auditioned-elective course that meets daily for our high school 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 both regional and national competitions. Our Senior High choir also has the opportunity to go on an annual choir tour to various venues and churches in the Midwest in late May and early June.

FOREIGN LANGUAGE

Over 20 different foreign languages are offered for high school credit using the Rosetta Stone software in a lab environment. Since this is a web-based curriculum, courses may also be taken outside of school hours. The following languages are offered:

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| Arabic (Level I, II, or III) | Hebrew (Level I, II, or III) | Polish (Level I, II, or III) |
| Chinese (Mandarin) (Level I, II, or III) | Hindi (Level I, II, or III) | Portuguese (Brazil) (Level I, II, or III) |
| Dutch (Level I, II, or III) | Irish (Level I, II, or III) | Russian (Level I, II, or III) |
| English (American) (Level I, II, III, IV, or V) | Italian (Level I, II, III, IV, or V) | Spanish (Latin American) (Level I, II, III, IV or V) |
| Filipino (Tagalog) (Level I, II, or III) | Japanese (Level I, II, or III) | Swedish (Level I, II, or III) |
| French (Level I, II, III, IV or V) | Korean (Level I, II, or III) | Turkish (Level I, II, or III) |
| German (Level I, II, III, IV, or V) | Latin (Level I, II, or III) | Vietnamese (Level I, II, or III) |
| Greek (Level I, II, or III) | Persian (Farsi) (Level I, II, or III) | |

TYPING I

Typing I uses Keyboard Mastery an intensive course that will teach beginners how to type and teach experienced typists to type faster. Covered are: alphabetic keys, punctuation, numbers and symbols. Timing drills include 15-second, 30-second, 1-minute, 2-minute, 3-minute, and Optional Timings of 3-minute, 4-minute, and 5-minute. Course contains over 560 timed drills. Skillbuilding Mastery Timing drills include 15-second, 30-second, 1- to 5-minute timings, with emphasis on longer timings. Prerequisite: 32-35+ WPM by touch (without looking at keys).

TYPING II

Typing II uses Keyboard Mastery an intensive course that will teach beginners how to type and teach experienced typists to type faster. Covered are: alphabetic keys, punctuation, numbers and symbols. Timing drills include 15-second, 30-second, 1-minute, 2-minute, 3-minute, and Optional Timings of 3-minute, 4-minute, and 5-minute. Course contains over 560 timed drills. Skillbuilding Mastery Timing drills include 15-second, 30-second, 1- to 5-minute timings, with emphasis on longer timings. Prerequisite: Typing I and 40+ WPM by touch (without looking at keys).