SALISBURY
CHRISTIAN SCHOOL

Middle School Course Catalog

2022-2023

807 Parker Road
Salisbury, MD 21804
410-546-0661
www.salisburychristian.org

ACSI ACCREDITED

MSA CESS

3/7/2023

English

English 6
This course is designed to increase communication skills through reading, writing, speaking, and the study of the English language. Students will read a variety of texts including fiction and non-fiction, short stories, poetry, and essays. They are encouraged to take an active role in learning in which students annotate texts, answer questions, pose questions of their own, and construct knowledge as they search for meaning. An essential component of the course is social collaboration and interaction among learners in ways that strengthen positive interdependence and individual accountability.

English 7
This course continues to develop essential reading, writing, speaking, and listening skills. Through the use of varying texts of increasing complexity, students will develop reading and writing stamina. Students will be supported to become more attuned to the rules of grammar, spelling, and sentence structure. Continuing to foster a love of reading is another essential goal of the course, as students will be exposed to a variety of texts and encouraged to explore their own interests in literature.

English 8
This course is designed to continue and develop student writers. The writing process is used to facilitate the production of a finished and polished piece of writing. Students will continue developing ideas and organizing thoughts to produce fluent writing. As maturing writers, students will be expected to utilize quality word choice. Voice, or the personality of a written piece, is explored through a variety of short stories and poems. Revision and editing strategies will be incorporated into every writing assignment. A continued emphasis on reading and comprehension skills will be embedded throughout the course.

Mathematics

Fundamental Math
This course is designed to help students explore ratios and rates, extend their work with fractions and mixed numbers, and develop fluency with whole number division and decimal operations using standard algorithms. They learn about negative integers and negative rational numbers on a number line as well as absolute value and plotting points on a coordinate plane. Students will convert fractions, decimals, and percentages. Geometric skills include classifying shapes, angles and finding area and perimeter.

Transitional Math
This course will enhance student understanding of basic math skills, number sense and operations, using formulas, and problem solving. Students will also begin studying probability and statistics where they will learn how to analyze and interpret graphs and data. All skills are taught to prepare students to transition to mathematical thinking required for success in Pre-Algebra. Building on the geometry skills taught in Fundamental Math this course includes volume. Some statistics skills are introduced.

Pre-Algebra

This course begins with an introduction to the language of algebra, variables, expressions and one-step equations. Built into the lessons are three components: rigor, conceptual understanding and application. The following skills are taught: properties, operations with integers and rational numbers, powers and roots, ratio, proportion, and similar figures, percents, linear expressions and functions, equations and inequalities. Finally, the course reinforces skills in geometry, probability, statistics, congruence, similarity and transformations.

Algebra I

This course extends and formalizes mathematics that students learned throughout middle school. Topics include the computation of real numbers evaluating algebraic expressions; functions: linear, absolute value and quadratic, solving linear and quadratic equations in one variable; properties of real numbers; laws of exponents; computing and factoring polynomials; various word problems (with and without charts); solving linear equations in two variables; linear, quadratic, and exponential functions; systems of linear equations; inequalities in one and two variables; and simplifying and computing with radicals.
Prerequisites: Successful completion of Pre-Algebra with a C or better recommended.
Credit: Students will receive high school credit for this course. Students transferring into SCS will receive credit from middle school ONLY IF their previous school gave credit.

Science

Science 6

This course explores life science: the study of living organisms and life processes. Students will develop an understanding that God is the Creator and Sustainer of the universe, identify the orderliness and precision of God's creation, and inspire curiosity, wonder, and appreciation of God's creation. Students begin with the study of the diversity of living things and progress to the study of cells and heredity. Processes involved in the scientific method will be studied.

Science 7

A diverse scope of earth and space science issues will be discussed and explored in this course. Key topics include *The Dynamic Earth*, *Earth's Water and Atmosphere*, and *Space Science*. Group work, projects, model building, labs and activities are among the many ways these topics will be explored. A continued emphasis is placed on fostering an understanding of God as the Creator and Sustainer of the universe.

Science 8

This course explores physical science: the study of matter and energy and the role it plays in our lives and the world around us. This course is designed to show students these relationships. They will develop an understanding that God is the Creator and Sustainer of the universe, identify the orderliness and precision of God's creation, and inspire curiosity, wonder, and appreciation of God's creation. Promotion of orderly approaches to problem solving and establishing foundational science facts/skills to further science instruction will be explored. Processes involved in the scientific method will be studied.

Social Studies

Social Studies 6
Our study of history involves more than examining a series of events. History is a magnificent tale of human beings and their struggle to progress. History examines a cultural heritage, offering students a glimpse of the past, present, and future of human expression. It is a study of historical events, experiences, and traditions that reflect the values and beliefs of early cultures as well as the cultures of today. This course studies ancient civilizations including the Mayans, Egyptians, Phoenicians, Greeks, Romans, and other early civilizations.

Social Studies 7
Our study of history involves more than examining a series of events. History is a magnificent tale of human beings and their struggle to progress. History examines a cultural heritage, offering students a glimpse of the past, present, and future of human expression. It is a study of historical events, experiences, and traditions that reflect the values and beliefs of early cultures as well as the cultures of today. This course studies time periods beginning with the Renaissance through Modern Times. Included in this study will be wars that involved the United States.

Social Studies 8
This course explores the development of the United States of America and its history, from its earliest days to the end of the Civil War. Students will learn of an amazing period covering the clash of cultures: Native American, African, and European; the development of a nation, the Industrial Revolution, and the causes and effects of a divided nation. As a result of this course, students should understand the events of the American past that are responsible for shaping early modern America.

Bible

Bible 6
The Mission of God and the Secret of the Golden Thread invites students on a global journey to evaluate the trustworthiness of the Bible. This is not a survey course but an introduction to a relational, missional God who created us with purpose and invites us to know Him, and not merely about Him. Students will be invited to consider a personal relationship and to practice daily awareness in their approach and response to the God of the Bible. Students will interact with the disciplines of language, literary analysis, archeology, geography, and history.

Bible 7
Students will immerse themselves into the time of Herod Agrippa and Governor Festus as they prepare to hear the defense of the Apostle Paul in Caesarea Philippi. As special investigators for the King, they will investigate the claims of Paul regarding the man known as Jesus of Nazareth. Students will be invited to consider a personal relationship and to practice daily awareness in their approach and response to the God of the Bible.

Bible 8

This course also equips students to respond to the person of Jesus in the journey toward spiritual maturity. Students will construct an individual plan for the personal discipleship and examine various historic spiritual disciplines. Students will identify specific milestones and create a presentation that shares their own unique spiritual journey. Students will be invited to consider a personal relationship and to practice daily awareness in their approach and response to the God of the Bible. Students will interact with the disciplines of language, literary analysis, archeology, geography, and history.

Physical Education

Physical Education 6 - 8

Middle school physical education is designed to help students develop sport-play skills, personal fitness, sport knowledge, and sports character traits. Development in these areas occurs during expressive play, skill acquisition activities, fitness activities, and sport game play. Recreational sport play is also introduced and developed during the class as students transition to apply the skills learned throughout elementary courses. Students are encouraged to find at least one physical fitness and/or sport activity that they enjoy and can participate in beyond the classroom setting.

Fine Arts

General Music 6 - 8

Middle School Music is designed to reinforce and build upon prior music learning, extending the scope of each student's skill and appreciation. Students will learn the elements of music, along with its various styles, then apply that understanding through creating, connecting, responding, and performing. In this course, students will be challenged to think biblically about music and the messages it communicates. Students will establish criteria to evaluate music and draw connections between music and other academic disciplines.

Band 6 - 8

The Middle School Band is an ensemble that provides students with learning and performance opportunities on wind and percussion instruments. The primary focus is on the development, continuation, and expansion of basic skills including: embouchure, tone, and rhythmic development, as well as reading and notation skills, sight reading, introduction of scales, simple music theory, development of vocabulary of musical terms and symbols, ear training and listening skills, equipment care and maintenance, and effective practice habits. In addition to large group ensembles, individual growth and achievement may participate in adjudicated solo and ensemble contests, honor bands, and private lessons. Middle School band is a performance-based class, and attendance at all performances is mandatory. *Prerequisite: The sixth grade curriculum is designed for students with at least a year of playing experience. Previous experience is required.*

Art 6 - 8

Middle School Art is a fine arts course of study in which the student will further develop a sense of the self as an artist who is capable of communicating ideas through the making of artistic works, which influence the world around them and impact the social and cultural environments in which they live. This class will equip students with a further understanding

of the elements of art and principles of design, history of art, intermediate techniques of various media, and connections between the artist and himself, the artist and God, the artist and the family, the artist and the community, and the artist and the world.

Technology & Enrichment

Technology 6

Students will extend their working knowledge of computer skills, typing, and applications. These skills will continue to be reinforced and applied as students are exposed to various tools available through the Google Suite. The capabilities of these programs will be explored and applied for use across their core content area classes. Additionally, students will explore an introduction to basic coding skills as a foundation for computer programming. Students will improve their internet research skills and explore key elements of digital citizenship (internet etiquette and safety).

Technology 7

Students will explore the world of computer programming and robotics! Using Scratch, a graphical programming language developed at MIT, students learn fundamental programming concepts such as variables, loops, conditional statements, and event handling to create animations, computer games, and interactive projects. The STEM Robotics 101 EV3 curriculum is also used in this course, where students utilize the LEGO® MINDSTORMS® EV3 program from Carnegie Mellon University's Robotics Academy. Through the use of learning-to-program videos, supplemented with lessons on robotics technologies, explicit math and science concepts, and the engineering process, students will design and implement various robotics configurations. They will learn to creatively design solutions to simple problems and to use their robotic creations to accomplish a variety of set tasks. Additionally, students will continue to advance their digital citizenship (internet etiquette and online safety) knowledge.

Robotics 7

This class is designed to introduce the concepts of robotics and computer programming. The STEM Robotics 101 EV3 curriculum used in this course is divided into units, several of which contain lessons built around the Introduction to Programming using the LEGO® MINDSTORMS® EV3 curriculum from Carnegie Mellon University's Robotics Academy. Through the use of learning-to-program videos, supplemented with lessons on robotics technologies, explicit math and science concepts, and the engineering process, students will design and implement various robotics configurations. They will learn to creatively design solutions to simple problems and to use their robotic creations to accomplish a variety of set tasks.

Technology 8

Students will be guided through challenging concepts in Scratch Programming. Students will be able to create intricate animations and games using complex logic and program design. Students develop their programming skills while learning about lists, defining procedures, and debugging problematic code. They will broaden their understanding of variables, operators, and event-driven programming while applying their existing knowledge in new ways of thinking about Scratch. Students also examine graphic art and digital music in computers and are encouraged to think artistically and creatively about computer

programming and design. Students will continue to advance their digital citizenship (internet etiquette and safety) knowledge.

Exploratory Language and Culture 8

This course is a one quarter length course of introduction to language and culture. Students will learn how to describe oneself and to others in two languages. Students will learn basic vocabulary in languages such as Spanish, Japanese, and French and expressions necessary for basic foreign language communication. Students will also study cultures and geography.

Community Service Requirements

In keeping with the philosophy and mission of SCS, thirty (30) hours of unpaid service are *highly encouraged* in middle school. This practice establishes a strong habit of Christian service and prepares students for the high school community service graduation requirement. Eighty (80) hours of unpaid service, beginning after the completion of eighth grade, are required. Students are *highly encouraged* to complete approximately twenty (20) hours per year while in high school. All hours above the required number will also be noted on the transcript. Credit will not be given for community service done at school between the beginning and end of any school day.

Proposals for community service projects should be submitted to the Principal or Counselor for approval. The person(s) being served or the project coordinator must document all hours; parent documentation is not permissible. Examples of acceptable projects include: a church, family, school, or community service project; volunteer service at a hospital or nursing home; helping the needy through a youth group project; overseas or local missionary programs. Documentation of all hours is required within three months of completion of the service on the appropriate Community Service Verification Form (see Parent Resources on SCS Website). Hours completed for other organizations (such as Honor Societies) do not contribute toward the graduation requirement.

High School Suggested Course Sequence: Standard

Required Subjects	Ninth	Tenth	Eleventh	Twelfth
English ***4 credits***	English 9	English 10	American Literature	World Literature
Math ***4 credits****	Algebra I	Geometry	Algebra II	Algebra III
Science ***3 credits***	Biology	Physical Science	Earth Science	Elective
Social Studies ***3 credits***	U.S. History	Government	World History	Elective
Bible ***4 credits****	Bible 9	Bible 10	Bible 11	Bible 12
Foreign Language ***2 credits***	Spanish I, Spanish II (Other Language options may be pursued online)			
Physical Ed – *½ credit* **Fine Arts – *1 credit*** **Health – *½ credit*** **Technology – *1 credit***	Physical Education Band, Art, Chorus Health Digital Imaging & Editing, Graphic Design, Intro. to Programming, Broadcast Journalism			
Electives *(All offerings are subject to change)*	Anatomy & Physiology, Ethics in Criminal Justice, Economics, Geography, Internship, Introduction to Business, Leadership, Leisure Sports, Marine Science, Personal Fitness, Financial Literacy/Personal Development, Speech & Debate , Yearbook, Introduction to Psychology			

NOTES:

- A credit is the value assigned to a full year course. One half credit (½) is the value assigned to a semester course.
- SCS requires math in all four years of high school, per the Maryland College & Career Readiness Act.
- The Bible sequence will be adjusted for students entering SCS after Grade 9.
- 5 credits to become a Sophomore, 11 credits to become a Junior, and 18 credits to become a Senior.

SCS Graduation Requirements

In order to graduate from SCS students must:

1. Have the necessary number of courses and 26 total credits
2. Fulfill the Community Service Requirement of eighty hours of documented volunteer or missions work
3. Complete their Senior Thesis
4. Have a GPA of at least 2.0
5. Adhere to all Attendance Policies outlined in the Parent / Student Handbook
6. Fulfill all financial obligations to the school

High School Suggested Course Sequence: Advanced

Required Subjects	Ninth	Tenth	Eleventh	Twelfth
English ***4 credits***	English 9 *(H)*	English 10 *(H)*	Amer. Lit *(H)* & Eng. 101 *(D.E.)*	Eng. 151 *(D.E.)* & World Lit *(H)*
Math ***4 credits***	Geometry Algebra II	Algebra II Trig/Pre-Calc	Trig/Pre-Calc *AP* Calculus	Statistics*(H)* Trig/Pre-Calc *AP* Calculus
Science ***3 credits***	Biology *(H)*	Chemistry *(H)*	Physics *(H)*	Biology 101 *and)* Chemistry 105 *(D.E.)*
Social Studies ***3 credits***	U.S. History	Government	World Civ. *(D.E.)*	Ethics In Criminal Justice *(D.E.)* Intro to Psych. *(DE)*
Bible ***4 credits***	Bible 9	Bible 10	Bible 11	Bible 12
Foreign Language ***2 credits***	Spanish I, Spanish II, Spanish III, Spanish IV (Other Language options may be pursued online)			
Physical Ed – *½ credit* **Fine Arts – *1 credit*** **Health – *½ credit*** **Technology – *1 credit***	Physical Education Band, Art, Chorus Health Digital Imaging & Editing, Graphic Design, Intro. to Programming, Broadcast Journalism			
Electives *(All offerings are subject to change)*	Anatomy & Physiology, Ethics in Criminal Justice, Economics, Geography, Internship, Independent Study, Leisure Sports, Marine Science, Personal Fitness, Financial Literacy/Personal Development, Speech & Debate, Yearbook, Introduction to Psychology			

NOTES:

- A credit is the value assigned to a full year course. One half credit (½) is the value assigned to a semester course.
- *(H)* designates an Honors course. *(D.E.)* designates a Dual Enrollment Course through Wor-Wic Community College. *AP* designates an Advanced Placement® Course
- SCS requires math in all four years of high school, per the Maryland College & Career Readiness Act.
- The Bible sequence will be adjusted for students entering SCS after Grade 9.
- 5 credits to become a Sophomore, 11 credits to become a Junior, and 18 credits to become a Senior.

SCS Graduation Requirements

In order to graduate from SCS students must:

1. Have the necessary number of courses and 26 total credits
2. Fulfill the Community Service Requirement of eighty hours of documented volunteer or missions work
3. Complete their Senior Thesis
4. Have a GPA of at least 2.0
5. Adhere to all Attendance Policies outlined in the Parent / Student Handbook
6. Fulfill all financial obligations to the school