

2018 - 2019

Fauquier County
Middle School
Program of Studies

Taylor

Warrenton

Cedar

Lee

Auburn

Marshall



Mission Statement

Fauquier County Public Schools, an innovative learning community, is committed to developing creative, confident, and knowledgeable citizens who are globally-competitive by cultivating the potential of each learner.



The cover for the 2018-2019 Program of Studies was designed by Ellie Henry, an Eighth grade student at Marshall Middle School.

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Fauquier County middle schools are accredited by the Southern Association of Colleges and Schools, the Virginia State Board of Education, and the Virginia Department of Education.

Introduction

The middle school concept emphasizes a team approach to teaching and learning. In general, students are placed on teams who share the same teachers. This approach provides students with a sense of community to ensure that each child's academic, social and emotional needs are addressed in a student-friendly environment as students make the transition from elementary school to middle school and from middle school to high school.

The middle school curriculum provides a rigorous, differentiated curriculum that balances the unique needs of young adolescents and the demands of high standards. The middle school teachers encourage students to make interdisciplinary connections among content area subjects and support students in the development of abstract and higher-level thinking skills. Teachers also concentrate on developing lessons and activities that meet early adolescents' needs by providing them with many opportunities to develop responsibility and independence.

An important component of middle school is the exploratory and elective program that allows students to experience a wide variety of courses in the areas of music and fine arts, world languages, technology, and career readiness. The middle school design is intended to ensure that students meet local and state academic standards, experience academic success, and develop skills to experience success in life and society.

Recent changes to the Standards of Accreditation from the Virginia Board of Education ask our schools to think critically about how we prepare our students to be "life ready." While many of the changes effect graduation requirements in high school, often referenced as a "Profile of a Graduate," there are changes that will also have a positive impact on our middle school students. For example, students should have practice in all of their courses demonstrating the "5 Cs" - critical thinking, creative thinking, collaboration, communication and citizenship. We envision that in order to have a place to collect evidence of this type of authentic learning, students will be involved in developing a digital portfolio which allows them to showcase their best work. Additionally, students will have more opportunities in middle school to continue the conversation with their families, counselors, and teachers about what they might be passionate about doing as a future career. Students will participate in curriculum that helps them investigate possible career paths. We are excited about these changes and the opportunities they will provide all learners.

Middle School Policies

Attendance

School attendance is directly related to academic achievement. Students are expected to attend school all day, every day. Regular school attendance is a cooperative effort, and the School Board expects parents and students to take an active role in accepting the responsibility for good attendance. Parents will be notified when a student has accumulated six absences. When a student accumulates ten absences, a conference with the parent will be requested in order to develop a plan for improving the student's attendance. After fifteen absences further action may be taken.

Grading

In grades 3-12, Fauquier County Public Schools uses letter grades on report cards based on the following scale:

90-100	A
80-89	B
70-79	C
60-69	D
59 and below	F

Promotion and Retention

For a student to be promoted from Grade 6 to Grade 7, from Grade 7 to Grade 8, and from Grade 8 to Grade 9, he/she must pass four of the five required subjects (Mathematics, Science, History and Social Science, Language Arts, and Physical Education). A student not meeting these requirements may be retained. The final decision regarding retentions in Grade 6, 7, or 8 rests with the school principal.

Honor Roll

All middle schools have an A/B honor roll, with a special distinction for students with all "A's." A student receiving a "C" in any subject cannot be on the honor roll.

Promotion and Retention

For a student to be promoted from Grade 6 to Grade 7, from Grade 7 to Grade 8, and from Grade 8 to Grade 9, he/she must pass four of the five required subjects (Mathematics, Science, History and Social Science, Language Arts, and Physical Education). A student not meeting these requirements may be retained. The final decision regarding retentions in Grade 6, 7, or 8 rests with the school principal.

Honor Roll

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Differentiated Learning Programs

Gifted (Gateways)

The primary goal of the Fauquier County Gifted (Gateways) program is to provide challenging learning opportunities for students with high academic ability and potential. Students may be found eligible for Gateways services based on classroom performance and standardized assessments. Consideration for Gateways services begins with a referral. Parents may contact the Counseling Office for more information.

The following criteria are considered in the Gateways identification process:

- Standardized test scores (ITBS, CogAt, Naglieri, SOL, GMRT, etc.)
- Work samples
- Teacher recommendation
- Classroom grades
- Interview

Honors classes are offered as one component of the Gateways program. Honors classes are available for Language Arts and Mathematics. In addition, middle school students in the Gateways program are eligible to attend SummerQuest!, a Summer Regional Governor's school. They may also choose to participate in the John Hopkins CTY Talent Search (<http://cty.jhu.edu/talent/>) and are provided informational opportunities about enrollment in the Mountain Vista Governor's School.

English as a Second Language (ESL) Program

The mission of the FCPS ESL program is to ensure that each English Learner develops high levels of English proficiency while mastering challenging content area standards of learning. The ESL program provides additional instruction in the English language, and/or content support to English language learners in all the grade levels.

Special Education

Special Education services are designed to provide identified students with access to the general education curriculum via an individual education plan (IEP) developed to address the specific educational needs of the student. Instruction is provided in a variety of settings by special education teachers and related services professionals. Students receiving special education services participate in core academic classes and/or alternative curriculum programs depending on the IEP or individual needs. A student receives special education services only if he or she is eligible and only after an IEP team has determined how the student will be served.

Southeastern Alternative Program

This program is designed for 8th grade students who struggle with traditional teaching and learning approaches. The Alternative Learning Program is designed to offer a hands-on interactive, project-based approach to instruction and assessment in all core academic areas required for promotion. Interested parents should contact the Counseling Office for information about the application and interview process or to request any additional information.

Course Options

Standard Academic Classes

Most students are served in heterogeneous classes that are differentiated to meet the needs of a range of student abilities and interests.

Honors Classes

Honors courses are open to all students who seek increased academic rigor. The goal of Honors classes is to extend the curriculum in depth and complexity and to meet the needs of a diverse group of learners. Middle school honors classes are designed to prepare students for advanced coursework in high school (Honors and Advanced Placement). Students who are identified for Gateways services are strongly encouraged to take Honors classes. Other students who have demonstrated high achievement, interest, and/or potential in one or more academic areas are encouraged to enroll in Honor classes. Honor classes are offered in Language Arts and Mathematics at all middle schools.

High School Courses Offered in Middle School

Students who successfully complete the following courses in middle school will receive one credit per course toward a high school diploma:

French I	Algebra I
Spanish I	Algebra I Honors
	Geometry Honors

French I and Spanish I credits can be applied to the high school diploma requirements for World Languages. Algebra I, Algebra I Honors, and Geometry Honors can be applied to the high school diploma requirements for mathematics.

Students who pass Algebra I, Algebra I Honors, and/or Geometry Honors, and pass the corresponding SOL test, will receive a verified credit that can be applied toward high school diploma requirements.

Deleting High School Courses from the Academic Record

High School courses taken in middle school will count toward meeting high school diploma requirements. The grade and credit for high school courses taken in middle school will appear on the high school transcript and will be calculated into a student's high school Grade Point Average (GPA).

Occasionally, students may not demonstrate a desired degree of success in these courses. In these cases, parents have the option of requesting that the grade be removed from the student's transcript. However, when a credit-bearing grade is removed from the transcript, the high school credit is forfeited. To exercise this option, parents must request, in writing, that a credit-bearing course taken **before** entering high school be removed from the child's high school transcript. Parents are encouraged to contact the Middle School Counseling Office for procedure and deadline requirements. A copy of the application needed to exercise this option appears in the appendix of this document.

Fauquier County Public Schools
Fauquier County Public Schools
Department of Instructional Services
320 Hospital Drive, Suite 40
Warrenton, VA 20186

Middle School Parent Request to Delete High School Course and Credit from Student's Transcript

Student Name: _____ Student ID #: _____

Middle School: _____ Grade level in June: (*please circle one*)
7 8

Parent/Guardian Name: _____ Daytime Phone #: _____

Address: _____

Unless this request is submitted, the grade and the credit for any high school course taken in middle school will appear on the high school transcript and will be included in the calculation for the high school grade point average.

Please delete the following high school course(s) from my child's transcript.

I understand that the **grade and credit** for the course(s) will be forfeited when the course is deleted.

Course Name _____

Course Name _____

Parent Signature: _____ Date: _____

Student Signature: _____ Date: _____

Counselor Signature: _____ Date: _____

Supervisor Signature: _____ Date: _____

IT Sign-Off Removed: _____ Date: _____

COMPLETE THIS SECTION IF STUDENT IS A RISING 9TH GRADER

As a result of dropping the above course(s), please make the following change(s) to my student's high school course request.

DROP _____ ADD _____

DROP _____ ADD _____

Student will attend: (*please circle one*) FHS KRHS LHS

IMPORTANT: Please return this form to the Counseling Office at the student's *middle school* no later than Wednesday, **June 13, 2018.**

Middle School Course Offerings 2018-2019

Grade 6	Core and Core Extension Courses	Exploratory Rotation^a	Electives
	Language Arts 6 Mathematics Science 6 U.S. History: 1865 to Present Health & Physical Education 6 Academic Focus Seminar 6	Art 6 Family & Consumer Science I Input Technology Basics 6 Introduction to Agriscience 6 ^b Introduction to Technology 6	Band 6 Chorus 6 Orchestra 6

Grade 7	Core and Core Extension Courses	Exploratory Rotation^a	Electives
	Language Arts 7 Mathematics Life Science 7 Civics & Economics Health & Physical Education 7 Academic Focus Seminar 7 ^c	Art 7 Agriscience Exploration 7 ^b Family & Consumer Science II Inventions & Innovations 7 Make It Your Business 7	Band 7 Chorus 7 Orchestra 7 Introduction to French Introduction to Spanish

Grade 8	Core and Core Extension Courses	Electives	
		Full Year	Half Year
	Language Arts 8 Mathematics Physical Science 8 World Geography Health & Physical Education 8	Band 8 Chorus 8 Orchestra 8 French 1 Spanish 1 Academic Support 8 ^d	Art 8 Agriscience & Technology 8 ^b Computer Applications Family & Consumer Science III Technological Systems 8

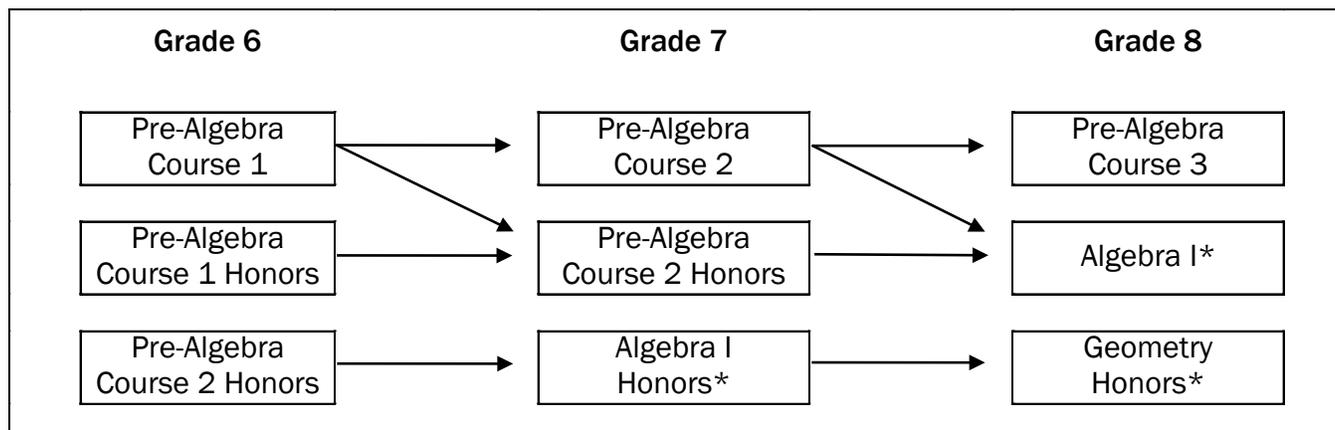
^aStudents will take four of the 9 week courses listed.

^bThis course is not offered at all schools.

^cStudents taking both music and world languages will not take this course.

^dThis course may be taken partial year

Middle School Mathematics Sequencing Chart



The middle school mathematics course offerings provide a rigorous and flexible mathematics program that meets the needs of a wide range of student abilities and provides equity and access to higher level mathematics courses for all students. Mathematics courses in grades 6-8 include engaging, thoughtful activities that challenge students to reason and make conjectures, think hypothetically, comprehend cause and effect relationships, and discern mathematical connections to the world around them.

Vocabulary is an integral part of instruction and students will have various opportunities to express their understanding of mathematical concepts through oral and written uses of the language of mathematics. Students' learning is enriched by the use of various models of instruction including manipulatives and technology tools such as scientific and graphing calculators, computers, and virtual instructional software.

For all students, placement in a course is based on multiple factors, including performance, assessments, and teacher recommendations.

*Students who successfully complete Algebra I, Algebra I Honors, and/or Geometry Honors in middle school will receive one high school credit per course toward a high school diploma.

**SIXTH-GRADE
CORE AND CORE
EXTENSION COURSES**

Language Arts 6 **110906**

Students will read and demonstrate comprehension of a variety of both fiction and nonfiction texts, as well as poetry and media messages, for appreciation, information, and evaluation. Students will plan, write, revise, and edit in a variety of modes including narrative, expository, persuasive, and reflective with an emphasis on narrative and reflective writing. Students will compose with attention to central idea, unity, elaboration, and organization.

Grammar and vocabulary development are learned within the context of mentor texts and the student's own writing. Sixth-grade students will learn how to be reflective participants in small group and classroom discussions. Planned oral, visual, written, or multimodal presentations will demonstrate each student's ability to present personal experiences, ideas, and research products.

Students will take the Grade 6 SOL English: Reading test.

Language Arts 6 Honors **110946**

Language Arts 6 Honors is an academically challenging course in which students are required to demonstrate comprehension of increasingly more challenging fiction and nonfiction texts, as well as poetry and media messages. Students will extend understandings through persuasive writing and creative, multimodal presentations and products adapted for purpose and audience and supported by their research. Advanced vocabulary and grammar are learned within the context of challenging mentor texts and applied in the student's own writing.

Because of the extensive reading and writing

required, a student's success in the course is linked to his/her sense of responsibility and academic commitment. This course is recommended for students with a Gateways identification and other students who wish to work at an advanced level.

Students will take the Grade 6 SOL English: Reading test.

Pre- Algebra Course 1 **311006**

This course involves the study of whole numbers, integers, decimals, fractions, and percentages along with the properties that govern them. Students will use ratios to compare data sets and order of operations to simplify expressions. They will determine perimeter, area of plane figures and study circles. Students will graph ordered pairs and examine proportional relationships. They will create and interpret circle graphs and understand mean as a balance point, solve and graph one-step linear equations, and graph inequalities on a number line.

Students will take the Grade 6 Mathematics SOL test.

Pre-Algebra Course 1 Honors **311036**

Prerequisite: Successful completion of Grade 5 Mathematics and teacher recommendation

Students in this rigorous course will develop understanding of the Pre-Algebra Course 1 concepts. As an honors course, students will develop deeper understanding of mathematics through reasoning and proof, problem solving, communication, multiple representations, and connections within the concepts and in a practical sense. ***Students will take the Grade 6 Mathematics SOL test.***

Pre-Algebra Course 2 Honors 311146

Prerequisite: Successful completion of Grade 5 Mathematics and teacher recommendation

This is a rigorous and challenging course which blends the Pre-Algebra Course 2 Curriculum with those skills needed in preparation of Algebra I. Extended topics include (but not limited to) subsets of the real number system, estimating square roots, Pythagorean Theorem, (rational numbers, Scientific Notation, absolute value) solving and graphing multistep linear equations and inequalities. *And dependent and independent variables. As an honors course, students will develop deeper understanding of mathematics through reasoning and proof, problem solving, communication, multiple representations, and connections within the concepts and in a practical sense. **Students will take the Grade 7 Mathematics SOL test.***

U.S. History: 1865 to the Present 235406

In this course, students will use skills of historical and geographical analysis as they examine American history since 1865. The standards for this course relate to the history of the United States from the end of the Reconstruction era to the present. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of United States history. Political, economic, and social challenges facing the nation reunited after the Civil War will be examined chronologically as students develop an understanding of how the American experience shaped the world's political landscape. The course will also emphasize the skills required for responsible citizenship. Students will be involved in completing a performance assessment.

Science 6

410506

Students will study a variety of scientific topics including the solar system, matter, force, motion, energy, ecosystems, the atmosphere and natural resources. Classes are designed for hands-on activities, unit projects, experimentation, and technology-based lessons. The scientific method and investigation are integrated into each unit. Students will develop an understanding of the chronology of scientific discoveries.

Health & Physical Education 6 711006

Physical education classes are designed to enable students to develop the ability to engage in physical activity while building competence, confidence, teamwork, and good sportsmanship. Classes include team and individual sports. There is also an emphasis on developing lifetime fitness goals. In addition, health classes are based on content that include mental health, body systems, growth and development, personal health practices, consumer awareness, nutrition, disease prevention and control, medicines, substance abuse, and safety and first aid.

Academic Focus Seminar 6 006606

The intent of the Academic Focus Seminar is to advance students' knowledge, understanding, and skills in several or specific content areas. The majority of sixth graders will complete multiple enrichment, units that will include an emphasis on appropriately navigating the digital world, world languages and cultures vocabulary study, academic study skills, mathematics and science reasoning and problem solving, fine arts exploration, focused fiction and non-fiction studies, extended writing

practice, and college and career readiness. Other students will receive remediation in reading and/or mathematics through programs targeted for their area of academic need or will receive academic skill support as specified in their IEP (individual educational plan).

Students will be evaluated in this course on a 4 to 1 scale - 4: exceeds unit expectations; 3: meets unit expectations; 2: minimally meets unit expectations; 1: does not meet unit expectations.

SIXTH-GRADE EXPLORATORY COURSES

Exploratory courses are an integral part of the middle school curriculum. In these courses students are exposed to a variety of learning opportunities, including Art and Career and Technical Education. Through exploratory courses, students often discover new interests and talents, making it easier for them to select courses in which to enroll at the high school level.

Input Technology Basics 6 615006

This course is designed for middle school students to develop and enhance touch skills for entering alphabetic, numeric, and symbol information on a keyboard. Students compose and produce personal, educational, and professional documents using emerging technologies that are used in today's workplace and in everyday life.

Family & Consumer Sciences I 820606

This course provides a foundation for managing individual, career, family and

community roles and responsibilities. Students focus on areas of individual growth such as personal goal achievement, accountability for personal safety and health, financial management, clothing care, food preparation, positive and caring relationships with others, and self-assessment as related to career exploration. Students apply problem-solving and leadership skills as they progress through the course.

Introduction to Technology 6 848106

In this STEM course, students study the resources of all technology, including tools, energy, materials, people, time, information, and capital. This also includes the problem-solving process and various hands-on activities. Students explore systems of technology, energy and power, information and communication, transportation, manufacturing, and construction. Students relate the impact of technology on society, environment, and culture to future consequences and decisions.

Introduction to Agriscience 6 800206

In this course, students develop an awareness of the relationships between agriculture and science. Major concepts covered in the course include awareness of agriculture, the world of work, agribusiness careers, human relations, and scientific principles applied in agriculture. *(Offered at Cedar Lee Middle School only)*

Art 6**910306**

Visual art 6 emphasizes the exploration of the studio process. Using the elements of art and the principles of design, students will investigate a variety of ideas for creating art. Students will work in both two dimensional and three dimensional media. Each student will be encouraged to demonstrate and record their artistic growth in a sketchbook, as well as maintain a portfolio of their work.

SIXTH-GRADE ELECTIVE COURSES

Band 6**923006**

This course is for students who have little or no experience in playing a wind or percussion instrument. They will learn the parts of the instrument they select as well as its proper care and maintenance. Students will learn the proper playing technique of their instruments, including the correct embouchure, posture, and playing position. While learning to play their chosen instruments, students will learn basic theory (note values, basic musical symbols), fingerings, slide positions, and hand positions needed to perform music on the Grade 1 and 2 levels. Students will learn at least two major scales in the range suitable for their instruments. Students are expected to practice 150 minutes per week and to participate in the spring concert. All scheduled concerts are required.

Orchestra 6**923506**

Students will follow a beginning course of instruction on the four stringed instruments of an orchestra (violin, viola, cello, and bass). Each student will choose an instrument based on the student's desire and the needs of the class in order to attain a balanced instrumentation. Correct technique and posture will be stressed. Basic concepts of theory and note reading will be introduced. At least two performances will take place during the school year. All scheduled concerts are required.

Chorus 6**926906**

Students will learn the basics of choral music and the concepts of music theory by learning the proper use of the vocal instrument. Correct posture, breathing, and diction will be stressed. Basic theory and note reading will be introduced. There will be at least two performances during the school year. All scheduled concerts are required.

SEVENTH-GRADE CORE AND CORE EXTENSION COURSES

Language Arts 7

111007

Seventh-grade students will continue to develop an appreciation for literature through extensive reading of short and long fiction, nonfiction, poetry, and drama. Students will refine written composition skills in a variety of modes with an emphasis on expository and persuasive writing and with particular attention to word choice, elaboration, organization, usage, and mechanics. Students will write to develop and modify a central idea, tone, and voice to fit the audience and purpose. Seventh-grade students will become adept with selecting appropriate resources for research products, delivering multimodal presentations, and identifying persuasive, rhetorical techniques in the media. ***Students will take the Grade 7 English: Reading SOL test.***

Language Arts 7 Honors

111047

Language Arts 7 Honors is an academically challenging course in which students are required to demonstrate comprehension of increasingly more challenging fiction and nonfiction texts, as well as poetry, drama, and media messages. Students will extend understandings through persuasive, analytical writing and creative, multimodal presentations and products that are supported by their research. Students will continue the development of an advanced vocabulary including the skillful use of word choice in creating tone and purpose. Advanced grammar is learned within the context of challenging mentor texts and the

student's own writing. Because of the extensive reading and writing required, a student's success in the course is linked to his/her sense of responsibility and academic commitment. This course is recommended for students with a Gateways identification and other students who wish to work at an advanced level.

Students will take the Grade 7 English: Reading SOL test.

Pre-Algebra Course 2

311107

This is a rigorous and challenging course which blends the Pre-Algebra Course 2 Curriculum with those skills needed in preparation of Algebra I. Extended topics include (but not limited to) subsets of the real number system, estimating square roots, Pythagorean Theorem, (rational numbers, Scientific Notation, absolute value), Solving and graphing multistep linear equations and inequalities, and dependent and independent variables. As an honors course, students will develop deeper understanding of mathematics through reasoning and proof, problem solving, communication, multiple representations, and connections within the concepts and in a practical sense. ***Students will take the Grade 7 Mathematics SOL test.***

Pre-Algebra Course 2 Honors

311147

Prerequisite: Successful completion of Grade 5 Mathematics and teacher recommendation

This is a rigorous and challenging course which blends the Pre-Algebra Course 2 Curriculum with those skills needed in preparation of Algebra I. Extended topics include (but not limited to) subsets of the real number system, estimating square

roots, Pythagorean Theorem, (rational numbers, Scientific Notation, absolute value), Solving and graphing multistep linear equations and inequalities, and dependent and independent variables. As an honors course, students will develop deeper understanding of mathematics through reasoning and proof, problem solving, communications, multiple representations, and connections within the concepts and in a practical sense. **Students will take the Grade 7 Mathematics SOL test.**

Algebra I Honors 313007

Prerequisite: Successful completion of Pre-Algebra Course 2 Honors and teacher recommendation

In this rigorous and challenging course, students will solve and graph linear and quadratic equations, and inequalities. Students will analyze linear and quadratic function families algebraically and graphically. Students will analyze a relation to determine whether a direct or inverse variation exists, and represent a direct variation algebraically and graphically and an inverse variation algebraically. Students will analyze data and determine the equation curve of best fit using models of linear and quadratic functions. Graphing calculators will be used both as both a tool in solving problems and to verify solutions. As a rigorous and challenging honors course, students will develop deeper understanding of mathematics through reasoning and proof, problem solving, communication, multiple representations, and connects

within the concepts and in a practical sense. This course counts as one mathematics credit to meet high school graduation requirements. **Students will take the Algebra I SOL test.**

Note: *This is a high school credit course. Students will take the Algebra I SOL test. This course does **not** count as a verified credit towards meeting high school graduation requirements. **This grade will be averaged in the high school GPA.***

Civics & Economics 235707

In this course students will examine the role citizens play in the political, governmental, and economic systems in the United States. Students will examine the constitutions of Virginia and the United States; identify the rights, duties, and responsibilities of citizens; and describe the structure and operation of government at the local, state, and national levels. Students will investigate the process by which decisions are made in the American market economy and explain the government's role in it. The course will emphasize personal character traits, such as patriotism, respect for the law, and a sense of civic duty, that facilitate thoughtful and effective participation in the civic life of an increasingly diverse democratic society. It will also emphasize the skills required for responsible citizenship. *Students will take the Civics and Economics SOL test.*

Life Science 7 411507

This is a course in which interactions between organisms and their environment are studied through the use of living things, printed materials, laboratory investigations, and computer technology. Students will study the structural and functional organization of living things by examining

cells, tissues, organs and systems. They will investigate and understand that organisms reproduce and transmit genetic information to new generations. Concepts include: DNA inheritance, genetic engineering, and historical contributions and significance of discoveries related to genetics. Students develop scientific skills during hands-on experiences. They will group living things according to their characteristics. Students will investigate the impact of man upon the environment and living things. They will illustrate the flow of energy and matter among organisms in food webs and energy pyramids.

Health & Physical Education 7 712007

Physical education classes are designed to enable students to develop the ability to engage in physical activity while building competence, confidence, teamwork, and good sportsmanship. Classes include team and individual sports. There is also an emphasis on developing lifetime fitness goals. In addition, health classes are based on content that include: mental health, body systems, growth and development, personal health practices, consumer awareness, nutrition, disease prevention and control, medicines, and substance abuse.

Academic Focus Seminar 7 006607

This course consists of multiple academic units which will provide enrichment, remediation or support to students based on their needs. Students enrolled in this course will study topics that will enrich and extend their understanding of academic concepts. Enrichment units may include vocabulary study to provide a foundation for SAT preparation, mathematics and science reasoning and problem solving, literature

circles, project-based learning, extended writing practice, etc. Other students will receive remediation in reading and/or mathematics through programs targeted for their area of academic need or will receive academic skill support as specified in their IEP (individual educational plan). Seventh graders who take both music and Introduction to Spanish or French will not take this course.

Students will be evaluated in Academic Focus on a 4 to 1 scale:

4: exceeds unit expectations; 3: meets unit expectations; 2: minimally meets unit expectations; 1: does not meet unit expectations.

SEVENTH-GRADE EXPLORATORY COURSES

Exploratory courses are an integral part of the middle school curriculum. In these courses students are exposed to a variety of learning opportunities, including Art and Career and Technical Education. Through exploratory courses, students often discover new interests and talents, making it easier for them to select courses in which to enroll at the high school level.

Make It Your Business 611007

Students learn business terminology, basic entrepreneurship concepts, and fundamental business operating principles in this course.

Family & Consumer Sciences II 826107

In this course, students will begin developing the state-required Academic and Career Plan. Students focus on their individual development, as well as their relationships and roles within their family and community. They learn how to maintain their living and personal environments and to apply nutrition and wellness practices. Students also study managing consumer and family resources, developing financial plans, setting goals, creating a textile project, and exploring careers. Time is also provided for developing leadership skills.

Inventions & Innovations 7 848507

In this STEM course, students make models of significant inventions that have advanced society. After studying these developments, they explore contemporary technological problems facing them, their community, or the world and apply systematic procedures to invent new products or innovations as solutions.

Agriscience Exploration 7 800307

In this course, students explore science as it relates to agriculture and develop an understanding of human relations, communication, the importance of agriculture to the economy, and key scientific terms and emerging technology related to the field of agriculture. *(Offered at Cedar Lee Middle, Taylor Middle and Marshall Middle Only)*

Art 7 910507

Students will continue the exploration, analysis, and investigation of the creative process. Students will apply the elements of art and the principles of design to solve artistic problems using a variety of media. They will work in two dimensions such as painting, drawing and printmaking. In addition, students will create three dimensional sculptures. Each student will maintain a sketchbook and portfolio to document their artistic growth.

**SEVENTH-GRADE
ELECTIVE COURSES**

Introduction to French 511407

This is an introductory course to the French language and culture. In this course, students will begin to build a foundation for future language study. Introductory vocabulary, basic communication skills, and culture will be the focus of this class. This course is recommended for students who plan to take French 1 for high school credit in the eighth grade.

Introduction to Spanish 550407

This is an introductory course to the Spanish language and culture. In this course, students will begin to build a foundation for future language study. Introductory vocabulary, basic communication skills, and culture will be the focus of this class. This course is recommended for students who plan to take Spanish 1 for high school credit in the eighth grade.

Band 7 923107

Students will refine and develop their playing skills and expand their musical vocabulary. Their repertoire of scales will expand to at least those major scales that contain three sharps and three flats. Students will be able to perform music on a Grades 2 to 3 grade level. Students are required to participate in three concerts a year and are expected to practice at least 150 minutes per week to fully develop their skills and understanding.

Orchestra 7 923607

Students will advance to at least a level of Grade 2. Basic technique stressing correct bowing and good intonation will be taught with a variety of articulations being introduced. At least four performances will take place during the school year. All concerts are required.

Chorus 7 927007

Students will study the basics of middle school choral music through learning the proper use of the vocal instrument. Basic theory and sight-singing skills will be studied. The class will attain at least a Level 2 in sight singing. There will be at least four performances during the school year. All concerts are required.

EIGHTH-GRADE CORE COURSES

Language Arts 8 **112008**

Students will demonstrate skillful applications of reading, writing, speaking, and listening skills as they move towards being independent learners. Students will continue to develop an appreciation for literature through the study of a variety of literary forms, with particular emphasis on the interpretation and evaluation of novels, poems, a longer dramatic work, as well as nonfiction selections. Students will also explore how literary devices help convey the effect and meaning of literature. Students will write for a variety of purposes with an emphasis on expository and persuasive writing. They will edit and revise for clarity, style, and technical accuracy. Grammar and vocabulary development are learned within the context of mentor texts and the student's own writing. Speaking and listening skills will be applied in a variety of contexts, including interviews.

Students will take the Grade 8 English: Reading and English, Writing SOL tests.

Language Arts 8 Honors **112048**

Language Arts 8 Honors is an academically challenging course in which students are required to demonstrate comprehension of increasingly more challenging fiction, nonfiction, drama, and poetry. Students will apply and extend understandings through analytical writing and creative, multimodal presentations and products enhanced by extensive research. Students will continue the development of an advanced vocabulary including the skillful use of word choice in creating tone and purpose in their own writing. Students will learn pre-advanced placement (pre-AP) strategies that will help

them analyze and interpret literary and rhetorical devices, as well as defend their own positions using counterclaims, reasons and evidence from credible sources.

Rhetorical study will also emphasize the analysis of persuasive techniques in, as well as creation of, media messages. Because of the extensive reading and writing required, a student's success in the course is linked to his/her sense of responsibility and academic commitment. This course is recommended for students with a Gateways identification and other students who wish to work at an advanced level.

Students will take the Grade 8 English: Reading and English, Writing SOL tests.

Pre-Algebra Course 3 **311208**

Students in this course will simplify numerical expressions, describe the relationships between the subsets of the real number system, and will make connections between tables, graphs, words, and rules of a given relationship. Students will solve multistep linear equations in one variable with the variable on one or both sides of the equation. They will solve problems involving rational numbers, percent's, ratios, and proportions. Properties for vertical, adjacent, supplementary, and complementary angles will be investigated. Students will solve area and perimeter problems involving composite figures. An understanding of volume and surface area cones, and pyramids will be developed. Students will verify and apply the Pythagorean Theorem. They will determine probabilities of independent and dependent events. Students will compare and analyze data using boxplots. ***Students will take the Grade 8 Mathematics SOL test.***

Algebra I **313018**

Prerequisite: Successful completion of Pre-Algebra Course 2 and teacher recommendation

Students will analyze linear and quadratic function families algebraically and graphically. Students will analyze a relation to determine whether a direct or inverse variation exists, and represent a direct variation algebraically and graphically and an inverse variation algebraically. Students will analyze data and determine the equation of the curve of best fit using models of linear and quadratic functions. Graphing calculators will be used as both a tool in solving problems and to verify solutions. This course counts as one mathematics credit to meet high school graduation requirements. **Students will take the Algebra I SOL test.**

NOTE: *This is a high school credit course. Students will take the Algebra I SOL test. This course does **not** count as a verified credit towards meeting high school graduation requirements. **The grade will be averaged in the high school GPA.***

Geometry Honors **314308**

Prerequisite: Successful completion of Algebra I Honors and teacher recommendation

This course will include the study of both plane and solid geometry. Students will investigate real world problems using pictorial representations, computer software, constructions, algebraic and coordinate methods, deductive proofs, and formula use (e.g. quadrilateral properties, triangle congruence/ similarity, right triangle trigonometry, properties and equations of

circles, surface area and volume of solid figures). It will also include the deductive-axiomatic method of proof and inductive/intuitive approaches to geometry. Extensive use of algebraic skills and the use of related technology will be included in the course. As a rigorous and challenging course, students will develop deeper learning of mathematics through reasoning and proof, problem solving, communication, multiple representations, and connects within the concepts and in a practical sense. **Students will take the Geometry SOL test.**

NOTE: *This is a high school credit course. Students will take the Algebra I SOL test. This course does **not** count as a verified credit towards meeting high school graduation requirements. **The grade will be averaged in the high school GPA.***

World Geography **221008**

The focus of this course is on the study of the world's peoples, places, and environments, with an emphasis on world regions. The knowledge, skills, and perspectives of the course are centered on the world's population and cultural characteristics, landforms and climates, economic development, and migration and settlement patterns. Spatial concepts of geography will be used as a framework for studying interactions between humans and their environments. Using geographic resources, students will employ inquiry, research, and technology skills to ask and answer geographic questions. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives.

Students will take a division-wide assessment at the conclusion of this course.

Physical Science 8 412508

Eighth grade students will study physics and chemistry with a focus on scientific investigation and experimentation. Students will use their research, investigative, and technology skills to conduct experiments and analyze data. They will present findings through written reports and oral presentations. Major areas covered include the organization and use of a periodic table, physical and chemical changes, nuclear reactions, temperature and heat, sound, light, electricity and magnetism, work, force, and motion. ***Students will take the Grade 8 Science SOL test.***

Health & Physical Education 8 720008

Physical education classes are designed to enable students to develop the ability to engage in physical activity while building competence, confidence, teamwork, and good sportsmanship. Emphasis is placed on individual and team sports and the development of lifetime fitness goals. Health topics include mental health, body systems, growth and development, personal health practices, consumer awareness, nutrition, disease prevention and control, medicines, and substance abuse.

**EIGHTH-GRADE
ELECTIVE COURSES**

Elective courses are an integral part of the middle school curriculum. In these courses students are exposed to a variety of learning opportunities, including music and fine arts, world languages, and Career and Technical Education. Through elective courses, students often discover new interests and talents, making it easier for them to select courses in which to enroll at the high school level.

Computer Applications 661708

Students develop and review correct keyboarding techniques, while gaining a basic knowledge of word processing, spreadsheet, database, graphics, and telecommunications applications. Students demonstrate an understanding of computer concepts through application of knowledge.

Family & Consumer Sciences III 824408

This course provides a foundation for managing individual, family, career, and community roles and responsibilities. Students focus on their individual roles in the community, as well as how the community influences individual development. Students develop change-management and conflict-resolution skills and examine how global concerns affect communities. In addition, students enhance their knowledge of nutrition and wellness practices and learn how to maximize consumer and family resources.

Technological Systems 8 846308

In this STEM course, students combine resources and techniques to create systems, attaining comprehension of how technological systems work. Students will explore, design, analyze, and evaluate technological systems. By simulating systems and assessing their impacts, students gain insight into how to approach the problems and opportunities of a technological world. They also explore technology-oriented careers.

Agriscience & Technology 8 800408

Through laboratory activities, students apply scientific principles to the field of agriculture, including plants, animals, and ecology/conservation. The course introduces students to biotechnology as it relates to agriculture. (Cedar Lee Middle School, Marshall Middle School, Taylor Middle School only)

Art 8 911508

This class is for the student who wishes to improve his/her artistic expression, skills and knowledge. Students will make conscious choices in the creation of original works of art. By using a variety of media and processes, students will increase their ability to manipulate the elements of art and the principles of design. Students will be encouraged to apply processes, techniques and skills they have learned to expand their personal artwork. Each student will maintain a sketchbook and portfolio to document his/her artistic progress. This class is strongly encouraged for those students considering taking fine Arts at the high school level.

Academic Support 8 011008

Academic Support is an elective intended for 8th graders who need intensive remediation in reading and/or mathematics for a portion (quarter/ semester) or all of the school year. Students will complete programs targeted for their area of academic need or will receive academic skill support as specified in their IEP (individual educational plan).

**EIGHTH-GRADE FULL YEAR
ELECTIVE COURSES**

NOTE: *Students who successfully complete French I or Spanish I in grade 8 will receive credit toward high school graduation. These courses count toward credits in the world language sequence as well as the total number of credits required for graduation. The grade will be averaged into the high school GPA.*

French 1 **511008**

French 1 is designed to give students an introduction to the target language and culture through a comprehensive approach designed to develop the fundamental communication skills of listening, speaking, reading, and writing. Students will explore traditions, dress, food, holidays, and customs in French-speaking countries. Students will compare French-speaking cultures with their own environment. Students enrolled in a Level I foreign language course are strongly encouraged to enroll in Level II in the Fall term of their 9th grade year.

Spanish I **551008**

Spanish I is designed to give students an introduction to the target language and culture through a comprehensive approach designed to develop the fundamental communication skills of listening, speaking, reading, and writing. Students will explore traditions, dress, food, holidays, and customs in Spanish-speaking countries. Students will compare Spanish-speaking cultures with their own environment. Students enrolled in a Level I foreign/world language course are

strongly encouraged to enroll in Level II in the Fall term of their 9th grade year.

Band 8 **923108**

Students continue to develop and refine their music vocabulary skills, and understanding of musical concepts and terms. They will perform on the Grades 2 to 4 levels. Scales knowledge will increase to include four sharps, four flats and no sharps or flats, and the chromatic scale applicable to their instruments. Students are required to participate in at least four performances during the year. Students are expected to practice 150 minutes per week to fully develop their skills and understanding.

Orchestra 8 **923608**

Orchestra students will advance to at least a level of Grade 3. More advanced concepts of music theory and note reading will be studied as well as a wider range of bowing articulations, complex rhythms, and more difficult passage work in rapid notes. At least four performances will be scheduled during the school year. All concerts are required. Students are expected to practice 150 minutes per week to fully develop their skills and understanding.

Chorus 8 **927008**

Students will study more advanced principles of choral literature. Singing in three parts, the introduction of singing in foreign languages, choreography, and a wide range of musical styles will be studied. The class will attain a Level 3 in sight-singing. At least four performances will take place during the school year. All concerts are required.

Graduation Requirements

For Students Entering 9th Grade in 2018-2019 and Beyond

(to be finalized by the Virginia General Assembly Session 2018)

Required Courses	Advanced Studies Diploma		Standard Diploma	
	Standard units of credit	Verified units of credit	Standard units of credit	Verified units of credit
English – Courses include English 9, 10, 11, and 12.	4	2 Writing and Reading	4	2 Writing and Reading
Mathematics – Advanced Diploma - 4 credits from at least three different course selections from among Algebra I, Geometry, Algebra II, or other mathematics courses above the level of Algebra II. Standard Diploma -3 credits from at least two different course selections from among Algebra I; Geometry; Algebra, Functions and Data Analysis; Algebra II; or other approved mathematics courses.	4	1	3	1
Laboratory Science – Advanced Diploma – 4 credits from at least three different course selections from among Earth Science, Biology, Chemistry, or Physics. Standard Diploma – 3 credits from at least two different course selections from among Earth Science, Biology, Chemistry, or Physics.	4	1	3	1
History and Social Science – Courses shall include World History to 1500, World History from 1500, Virginia and US History, Virginia and US Government.	4	1	4	1
Health & Physical Education 9, Health and PE 10 –Health and PE 9 also includes the requirement for training in CPR, First Aid, and the AED.	2		2	
Economics and Personal Finance - This course also meets the requirement for a virtual course with integrated online units.	1		1	
Career and Technical Education or Fine Arts Advanced Diploma – 1 credit	1			
Career and Technical Education, Fine Arts or World Language – Standard Diploma -Credits earned shall include one credit in either world language or fine arts or career and technical education.			2	
World Language – Advanced Diploma -Courses shall include three years of one language or two years each of two languages.	3 (or 4)			
Electives – Advanced Diploma – Students must complete one Advanced Placement Course in any subject area or earn an industry certification or credential. Standard Diploma - Courses to satisfy this requirement shall include at least two sequential electives and students must also earn an industry certification or credential.	3 (or 2)		3	
Demonstration of the 5 Cs – Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication and citizenship.				
Total Credits Required	26	5	22	5

Fauquier County Public Schools Academic & Career Planning Guide

Student Name and ID: School:							Anticipated Graduation Date: _____	
		Diploma Type					Diploma Recognitions & Seals:	
High School Diploma Goal(s):		Standard	Advanced	Other				
Career Goal(s):								
Post-Secondary Goal(s):		4-Year College/University		2-Year Community College/Technical Program		Military Branch:		
		Other:						
	GRADE	English	Mathematics	Science	History & SS	Health & PE	World Lang	Electives
Middle School	7							
	8							
High School	9	English 9			World History I	Physical Education 9		
	10	English 10			World History II	Physical Education 10		
	11	English 11			VA & US History			
	12	English 12			VA & US Government			
	11-12	Economics and Personal Finance (Virtual course requirements embedded in this program)						

NOTES

NOTES

Fauquier County Public Schools does not unlawfully discriminate on the basis of gender, race, color, religion, handicapping condition, or national origin in employment or in its educational programs. No person shall be denied access to courses solely because of an impairment that is unrelated to the ability to engage in activities involved in the course or program for which a selection has been made.

Auburn Middle School

7270 Riley Road
Warrenton, VA 20187
Principal: Josh Miller
Assistant Principal: Helen Oriend
(540) 422-7410
FAX: (504) 422-7429
Counseling Phone: (540) 422-7415
Counseling FAX: (540) 422-7428

Cedar Lee Middle School

11138 Marsh Road
Bealeton, VA 22712
Principal: David Lee
Assistant Principal: Leah Shorb
(540) 422-7430
FAX: (540) 422-7449
Counseling Phone: (540) 422-7437
Counseling FAX: (540) 422-7449

Marshall Middle School

4048 Zulla Road
The Plains, VA 20198
Principal: Donna Guzman
Assistant Principal: Kylie Henson
(540) 422-7450
FAX: (540) 422-7469
Counseling Phone: (540) 422-7456
Counseling FAX: (540) 422-7469

Southeastern Alternative School

4484 Catlett Road
Midland, VA 22728
Principal: Michelle Neibauer
Assistant Principal: Mark Marchinetti
(540) 422-7390
FAX: (540) 422-7409
Counseling Phone: (540) 422-7395
Counseling FAX: (540) 422-7409

Taylor Middle School

350 East Shirley Avenue
Warrenton, VA 20186
Principal: Nick Napolitano
Assistant Principal: Whitney Boring
(540) 422-7470
FAX: (540) 422-7489
Counseling Phone: (540) 422-7478
Counseling FAX: (540) 422-7489

Warrenton Middle School

244 Waterloo Street
Warrenton, VA 20186
Principal: Barbara Bannister
Asst. Principal: Karyn Spahr
(540) 422-7490
FAX: (540) 422-7509
Counseling Phone: (540) 422-7497
Counseling FAX: (540) 422-7509