

CHARTING YOUR COURSE

Florence City Schools



Curriculum Catalog

Florence Middle School

Tomorrow...Today

Your District....Our Community....One Florence

2020-2021

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FMS SCHEDULE FORMS

Florence City Vision, Mission & Core Beliefs

SYSTEM BRAND

Your District.... Our Community.... One Florence

VISION

Tomorrow... Today

MISSION

Empowering students to explore, create, challenge, innovate and lead

CORE BELIEFS

- We believe learning is the primary purpose for everything we do as a school district.
- We believe all students, teachers and administrators can grow, succeed, and reach their full potential by being engaged in the learning process.
- We believe our school district's relationships with students' families and community partners are crucial to our success.
- We believe our school district must use innovative approaches to meet the needs of our diverse population.
- We believe in a classroom culture in which students feel safe to learn.

Equal Education/Employment Opportunity Statement

It is the official policy of the Florence City School District that no person shall on the grounds of race, color, disability, sex, religion, creed, national origin or age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program, activity or employment.

For questions, concerns and/or information regarding the school system's compliance with Title IX contact Ms. Connie Wallace, Assistant Superintendent/CSFO, at (256) 768-3036. For questions, concerns and/or information regarding the school system's compliance with Section 504 of the Rehabilitation Act of 1973 contact Ms. Jackie Flowers, Director of Professional Learning, at (256) 768-3051.

Florence Middle School

Scheduling Guide

The FMS scheduling guide is presented to help students and their parents/guardians become better informed regarding middle school subjects offered in Florence City Schools. Students should use this guide to help plan their education and career goals as best suited to their individual needs.

This Guide contains course offerings and their descriptions for 2019-2020. Course offerings are dependent on staffing and availability and therefore are not always guaranteed. This guide should be utilized and used to plan the student's tentative middle school schedule for either 7th or 8th grade. The counseling department at FMS can help aid in guiding students in selection of their desired courses.

All students in grades 7 and 8, at minimum, must be enrolled in four core courses (English, Mathematics, Science and Social Studies), two elective courses and one physical education course. For requirements of other extra-curricular clubs, athletics, etc., see the sponsor/coach of the activity.

FMS schedule request forms will be located at the FMS main office and the Counseling Department. Schedule change request forms will be located in the FMS Counseling Department. Please contact the 7th or 8th grade counselor for any scheduling questions.

7th Grade- Lorel Nix

Email: lnix@florencek12.org

Phone: 256-768-7141 or 256-768-3100

8th Grade- Terica Lewis-Hicks

Email: thicks@florencek12.org

Phone: 256-768-7143 or 256-768-3100

Core Course Descriptions

7th Grade

***** Honors Course Recommended Prerequisites: 85 average or higher in previous corresponding honors course or a 90 or above average in the corresponding regular course.*****

230003/230001

Civics/Geography 7th Grade

Course Description

The curriculum for 7th Grade Social Studies is divided into two semester courses; the first semester is Civics (also called Citizenship) and the second semester is Geography. In these courses students will develop the skills to become active and engaged citizens as well as increase their knowledge and understanding about the physical nature of the world and the relationship between people and their environments. Civics will focus on the foundation and structure of the American government; and Geography will focus on the physical and cultural geography of the Eastern and Western Hemispheres.

230004/230002

Honors Civics/Geography 7th Grade

Course Description

The curriculum for 7th Grade Social Studies is divided into two semester courses; one semester of Civics (also called Citizenship) and Geography. In these courses students will develop the skills to become active and engaged citizens as well as increase their knowledge and understanding about the physical nature of the world and the relationship between people and their environments. Civics will focus on the foundation and structure of the American government; and Geography will focus on the physical and cultural geography of the Eastern and Western Hemispheres. For the honors students, there will be two out-of-class activities over the course of the school year. One of the activities will pertain to Civics and will be conducted and turned in during the 1st semester. The other activity will pertain to Geography and will be conducted and turned in during the 2nd semester.

2020-2021

200001

English/Language Arts 7th Grade

Course Description

This course is designed for the college and career student. This course focuses on grammar study, the short story, poetry, and the novel. Myths and fables, vocabulary, speaking/listening skills, distinguishing between fiction and nonfiction are also explored. Students will focus on narrative, informative, and persuasive writing, and they will write a focused research paper.

200002

Honors English/Language Arts 7th Grade

Course Description

This course is designed to challenge the advanced student and focuses on advanced grammar study. The short story, poetry, the novel, myths and fables, vocabulary, speaking/listening skills, and distinguishing between fiction and nonfiction are explored in depth. Further, this course offers a more extensive look at the research process. Numerous opportunities to write narrative, informative, and persuasive pieces are given.

220001

Life Science 7th Grade

Course Description

This course provides an introduction to biological sciences. Special emphasis is placed on the following areas: introduction to laboratory activities and techniques, molecular to organismal structures and processes, ecosystems: interactions and dynamics, heredity: inheritance and variation of traits, and patterns of unity and diversity among organisms.

220002

Honors Life Science

Course Description

This academically challenging course includes an in-depth study of biological sciences. Special emphasis is placed on these areas: introduction to laboratory activities and techniques, molecular to organismal structures and processes, ecosystems: interactions and dynamics, heredity: inheritance and variation of traits, and patterns of unity and diversity among organisms. Students will be required to complete several hands on lab assignments and at least four unit projects during the school year.

2020-2021

210001

Math 7th Grade

Grade 7 Accelerated Math and Grade 8 Math Accelerated Overview

Accelerated courses have been carefully aligned and designed for middle school students who show particular motivation and interest in mathematics. In this pathway, students meet all the standards of Grade 7, Grade 8, and Algebra I with Probability within the Grade 7 Accelerated and Grade 8 Accelerated courses, thus merging all the standards from three years of mathematics into two years. This enables students to move through the content more quickly. Students who complete this pathway will be prepared to enter Geometry with Data Analysis in Grade 9 and then accelerate directly into Algebra II with Statistics in Grade 10, thus providing them with an opportunity to take additional, specialized mathematics coursework in Grades 11 and 12, such as AP Calculus, AP Statistics, or college dual enrollment classes. Clearly, this pathway will be challenging and should be reserved for Grade 7 students who demonstrate a high level of motivation and interest in studying mathematics.

210001

Math 7th Grade

Course Description

Description of Course In Grade 7, instructional time should focus on four critical areas. These areas are (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples. (AL COS, P. 54)

210045

Grade 7 Accelerated Math

Course Description

This course has been aligned and designed for middle school students who show particular motivation and interest in mathematics. In Grade 7 Accelerated, the content is organized into five Alabama Content Areas: Proportional Reasoning, Number Systems and Operations, Algebra and Functions, Geometry and Measurement, and Data Analysis, Statistics, and Probability. Students will focus studies on these topics:

- Analyze proportional relationships and use them to solve real-world and mathematical problems
- Apply and extend prior knowledge of addition, subtraction, multiplication, and division to operations with rational numbers
- Create equivalent expressions using the properties of operations, and solve real-world and mathematical problems using numerical and algebraic expressions, equations, and inequalities.
- Make inferences about a population using random sampling.
- Construct and describe geometric figures, analyzing relationships among them.

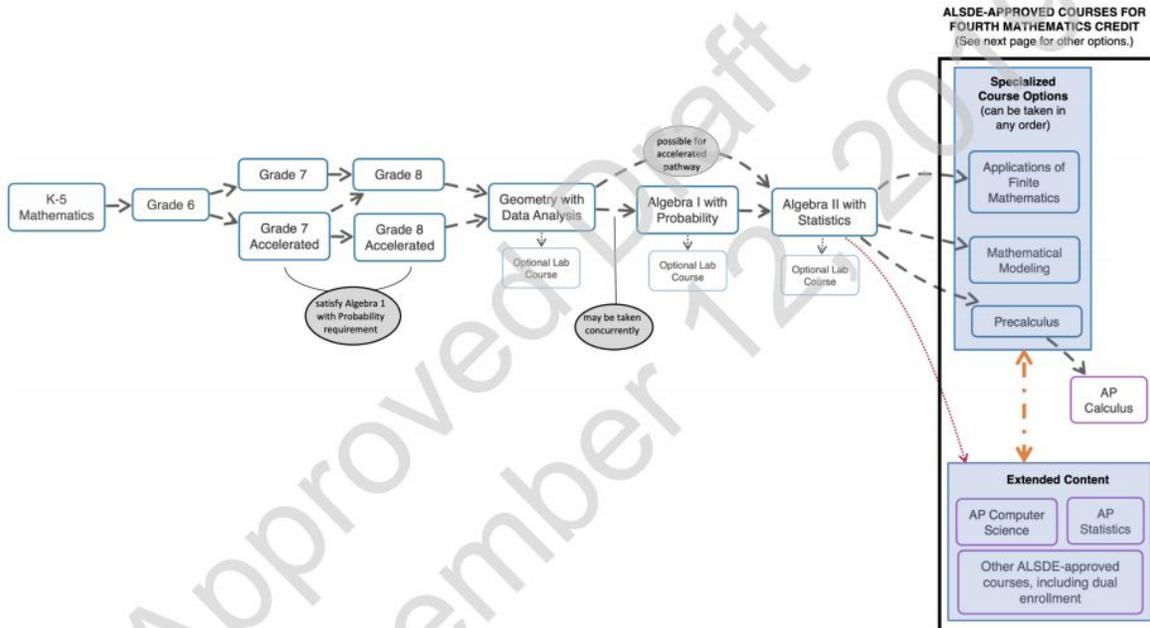
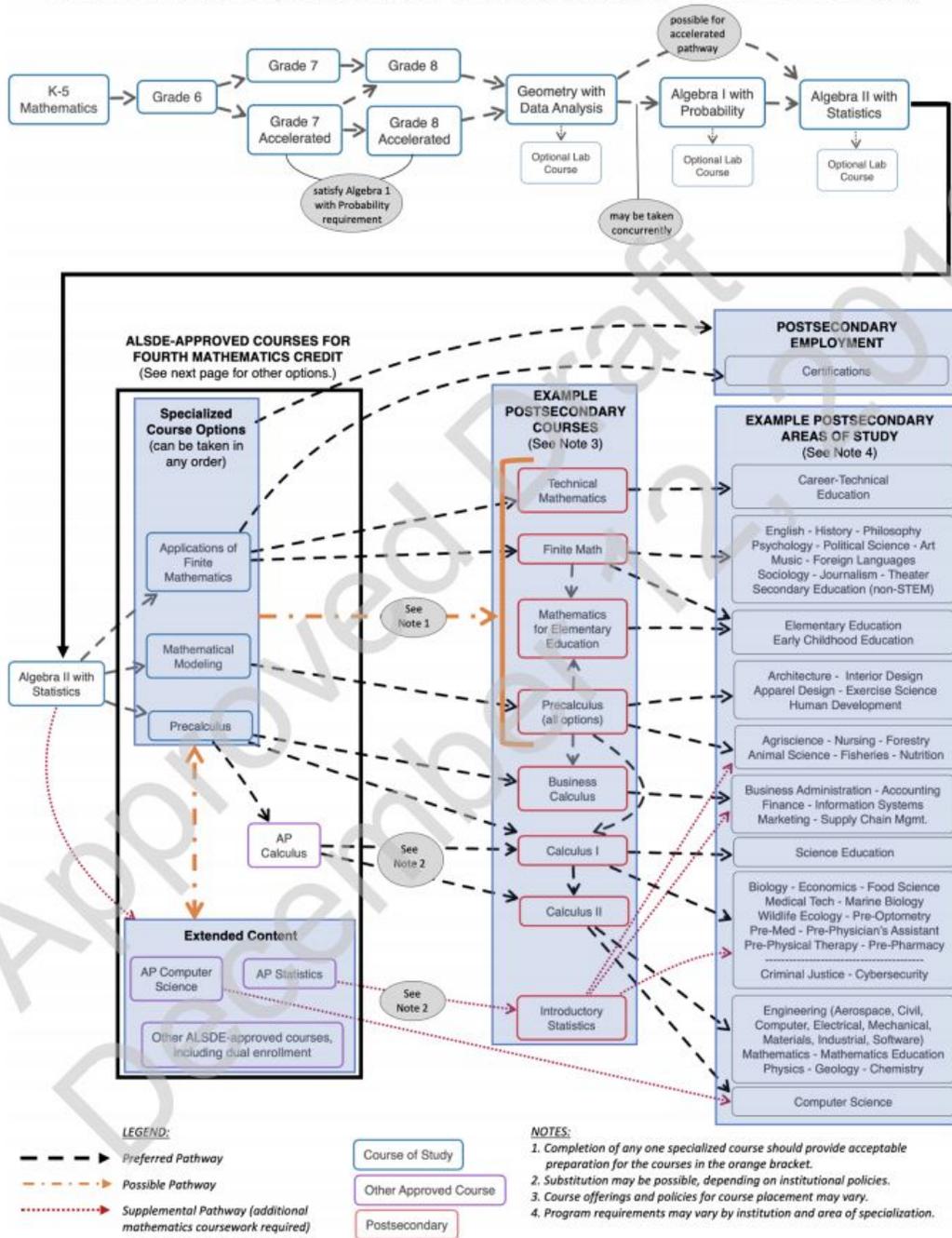
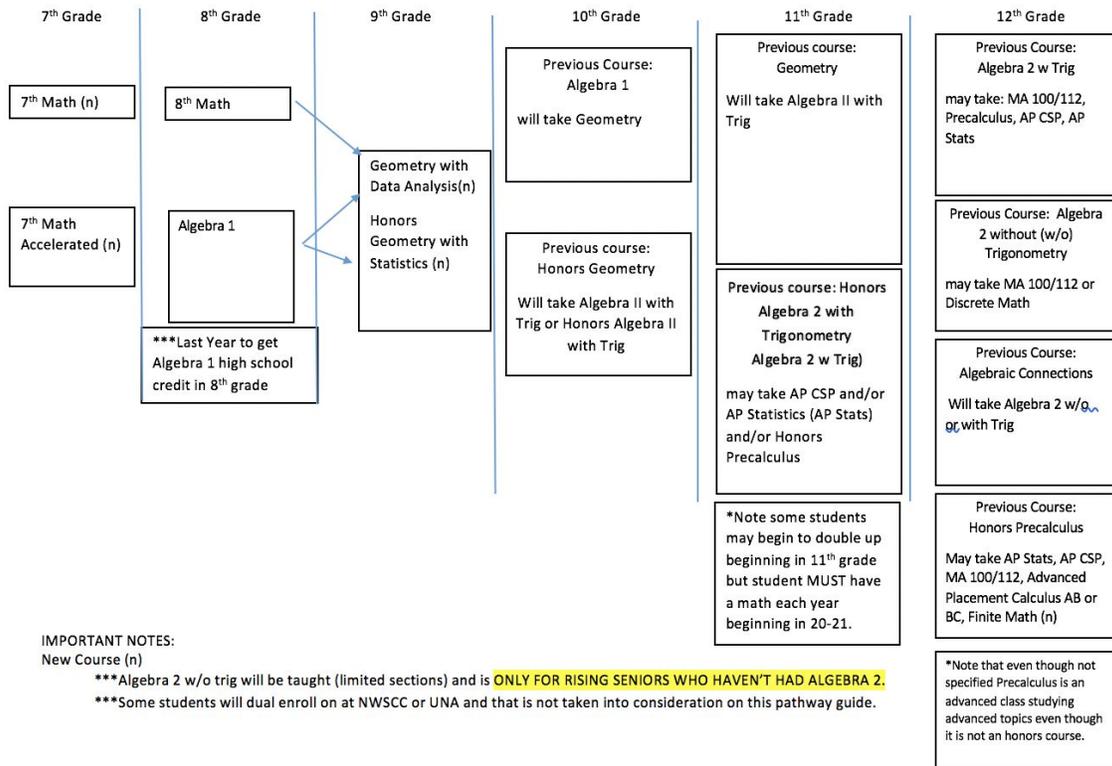


Chart 2: Pathways through K-12 Mathematics to Postsecondary



2020-21 MATH TRANSITION YEAR PATHWAY



Core Course Descriptions

8th Grade

*****8th grade core classes with an “HC” behind the course name, will provide the opportunity to gain high school credits.*****

**** Honors Course Recommended Prerequisites: 85 average or higher in previous corresponding honors course or a 90 or above average in the corresponding regular course and acceptable scores on standardized testing. Please review Honors math description for further recommendations. ****

230011

World History/ Pre History-1500's 8th Grade

Course Description

This course begins with the establishment of the very first civilization in Mesopotamia and explores other early civilizations throughout Europe and Asia, including Egypt, Greece, and Rome. This course also includes a study of the classical contributions of ancient Greece and the rise and fall of the Roman Republic and Roman Empire. This course compares the medieval empires of Europe, China, and Japan. This course also discusses the developments of early world religions, such as Judaism, Christianity, and Islam, their key tenants, and their spread throughout Europe and Asia. This course also introduces students to the early American civilizations and the first explorers who visited there. Differentiation between primary and secondary sources and between B.C. (B.C.E.) and A.D. (C.E.) are common themes throughout the school year. Map skills, chart skills, and reading skills are taught throughout the year as well.

230012

Honors World History/Pre History-1500's 8th Grade

Course Description

The study of world history in Grade 8 addresses the time period from prehistoric man to the 1500s. Content standards for this grade incorporate the strands of economics, geography, history, and political science, with an emphasis on the history and geography strands. Course content focuses on the migrations of early peoples, the rise of civilizations, the establishment of governments and religions, the growth of economic systems, and ways in which these events shaped Europe, Asia, Africa, and the Americas. Unique to this course are experiences that provide for the study of how human beings view themselves over time. Instruction is designed to actively involve students in critical thinking and the exchange of ideas, including critical evaluation, interpretation, reasoning, and deduction. Instruction can be accomplished through

2020-2021

the use of electronic media such as the Internet, videos, and television as well as by participation in small group and individual activities. Many strategies are used by the teacher to meet the needs of all students. Students who make an 80 or above in 7th grade Social Studies are more successful in this class.

200003

English/Language Arts 8th Grade

Course Description

All activities designed for students to complete in eighth grade English derive from Alabama's College and Career Ready Standards. Through reading literature and nonfiction texts, students in Grade 8 will broaden their abilities in reading and discussion. Students will become more proficient in revising and editing as they master grammar and usage concepts. Other general topics for college-bound English include the writing process (embedded with research), vocabulary acquisition, and public speaking. As students develop their knowledge and skills in these areas, they will also develop the necessary self-confidence for meeting the expectations of high school.

200004

Honors English/Language Arts 8th Grade

Course Description

All of the topics in college-bound English apply to honors, but there are a few changes. Students are highly encouraged to have maintained at least an 85 yearly average in seventh grade English before enrolling in honors English in eighth grade. One novel per semester will be assigned to be read independently outside of class. In addition, students will be required to participate in any legitimate writing contest that is presented to them. Students in honors English classes will also be required to complete several more public speaking assignments. The same content standards will be taught in both college-bound English and honors, but there is a much more accelerated pace in honors.

220003

Physical Science 8th Grade

Course Description

This class is based on the Alabama Course of Study that outlines the standards for science instruction at the eighth grade level. The course covers topics of basic physics and chemistry. Basic physics concepts cover how energy, force, and motion affect our environment. Topics included are Newton's three laws of motion, potential and kinetic energy, speed, mass and weight, law of conservation of energy, magnetism, electricity, Newton's law of universal gravitation, properties of waves, and wireless communication. Basic chemistry concepts cover

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how atoms, simple molecules, complex compounds, and mixtures are affected by energy. Topics covered are atoms, the periodic table of elements, chemical bonding and reactions, law of conservation of mass and matter, thermal energy, states of matter, energy transfer, molecular motion, and types of solution and mixtures. An emphasis is placed on development of critical thinking skills, problem solving, hands on activities with AMSTI resources, and technology based instructional tools.

220004

Honors Physical Science 8th Grade

Course Description

Content standards in Grade 8 are inquiry-based and include concepts and skills in chemistry and physics that are considered foundational. This focus is designed to prepare students for the physics and chemistry courses that are often taken in high school. The scientific process and application skills should be integrated into the teaching of the required science content to allow students to combine reasoning and thinking skills with scientific knowledge. This Physical Science course provides eighth-grade students with a firm foundation for scientific literacy and for the pursuit of subsequent advanced science courses at the high school level.

210003

Math 8 8th Grade

Course Description

This course is designed to prepare students to be successful in higher level math courses such as Algebra 1. The course incorporates various topics that focus on formulating and reasoning about expressions and equations, grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence and understanding and applying the Pythagorean Theorem.

210006

[2020-21 School Year will be the last year for Algebra 1 in 8th grade:](#)

Honors Math 8 Algebra I (HC) 8th Grade

Course Description

Recommended: Qualifying score on Orleans Hanna Algebra Placement test, High Average or Above Average score on the spring Performance Series test. This course is a formal, in-depth study of algebraic concepts designed for the student who can meet the challenges of rigorous mathematics. It is the first in a series of such courses that move at a faster pace on such topics as inequalities, graphing, mathematical modeling and data collection, among others. This course meets the requirements of the Advanced Academic Diploma and qualifies as (1)

2020-2021

Carnegie unit credit toward completion of mathematics courses required for high school graduation.

School year 2021-22 ---- 8th Grade Accelerated Math will be offered

***** PLEASE VIEW MATH FLOW CHART IN PREVIOUS 7th GRADE MATH SECTION*****

400026/400027

Career Preparedness A 8th Grade (HC) (S)

The Career Preparedness course focuses on areas of instruction, academic planning, career development, and technology. Course content ranges from college and career preparation to computer literacy skills. The area of technology is designed to be interwoven throughout course instruction. Mastery of the content standards provides a strong foundation for student acquisition of the skills, attitudes, and knowledge that enables them to achieve success in school, at work, and across the lifespan. There is no prerequisite for this course. This course is a required course for high school graduation.

Physical Education Course Description

7th and 8th Grade

240001

Physical Education

7th and 8th Grade Course Description

Physical Education is required for students in 7th and 8th grade. With national emphasis on wellness and physical fitness, students need to consider their physical development, as well as their academic development.

2400001

Athletic Physical Education

7th and 8th Grade Description

The middle school performance program is designed to increase overall athleticism with improved coordination, speed, balance, and strength so that the student athlete will be able to excel in all of the sports they enjoy. Off season training will help student athletes reach peak physical qualities to compete at a higher level. We will work to maximize athletic potential while preventing in-season injury through a well-rounded program. With a consistent program in place the student athlete will be stronger, be more powerful, be faster, be more flexible, have more stability, and have more endurance. Student athletes that participate in Fall athletic PE should be on roster for a Spring sport. Student athletes that participate in Fall sports should be on roster for Spring athletic PE. Students must be approved by an FCS athletic director/coach to participate in athletic PE.

281007

Dance 7 Grades 7/8

Students will learn various forms of dance including the study of terminology, dance history, kinesiology, integrated core studies and choreography. The curriculum will heavily consist of ballet, but may also consist of modern, jazz and musical theatre. Daily participation and a few performances will be required.

281008

Dance 8 Grades 7/8

2020-2021

This class will be the same curriculum taught in Dance 1, but at an excelled pace. This class requires an audition for admission.

Encore Course Descriptions

7th and 8th Grade

*****Encore courses are offered as either a year long course or semester course. A “Y” behind a course name indicates that the course is offered as yearlong. An “S” behind a course name indicates that the course is offered as a semester course. FMS has 2 periods built into the student schedule for encore periods. A yearlong course equals 1 period and two semester courses equal 1 period. The courses with an “HC” listed by the course name will provide the opportunity to gain high school credits.*****

200040

Creative Writing/ Grades 7/8 (S)

Students explore various genres of writing including the following: fiction, non-fiction, fantasy, poetry, drama, mystery, and science fiction. In this class, students write from teacher-directed prompts, students choose writing topics, or they may create topics of their own. Character development, plot building, irony, and other short story elements are explored.

400012/400014

Career Clusters Technologies/ Grades 7/8 (S)

The Career Clusters Technologies course is designed to introduce students to a wide variety of careers available to them upon high school and college graduation. Careers in architecture, engineering, healthcare, and aviation are among the many careers discussed in the class. Community leaders and business and industry entrepreneurs frequently visit the class in order to share their experiences in the “real world” with the students. The Career Clusters Technologies students complete several “hands-on” projects throughout the class in order to gain insight into some of the activities that accompany specific careers. Among the many projects that students complete, students learn to design and program robots, learn to fly airplanes through flight simulator software, as well as use 3D architectural modeling software to design houses.

The Technology Student Association (TSA) is the Career Technical Student Organization (CTSO) that accompanies this class. TSA is a co-curricular student organization in which students develop leadership, communication, and citizenship skills through their participation. In TSA, students learn the correct manner in which to introduce themselves, properly tie a dress tie, and work in teams.

Florence High School Career Clusters Pathways:

Business/Finance Pathway:

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|---------------------------------------------------------------|------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| <i>Business Technology Applications(BTA) (0.5 credit)</i> | <i>Business Finance (0.5 credit)</i> | <i>Banking & Financial Services (1 credit)</i> | <i>Accounting (1 credit) or Commerce Communication (1 credit)</i> |

Health Science Pathway

| | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|------------------------|--------------------------------------|----------------------------|------------------------------------|----------------------------------|
| <i>Pre-Med Pathway</i> | <i>Foundations of Health Science</i> | <i>Medical Terminology</i> | <i>Health Science Internship</i> | <i>LAUNCH</i> |
| <i>Nursing Pathway</i> | <i>Foundations of Health Science</i> | <i>Medical Terminology</i> | <i>Certified Nursing Assistant</i> | <i>Health Science Internship</i> |

A student who is searching to find a career that is right for him or her and develop the skills necessary to be successful in the 21st Century should join the Florence Middle School Career Clusters Technologies course.

260003

Introduction to Television Production/Grades 7/8(S)

Television Production is a feeder program for students who are interested in pursuing Television Production at the high school level. This course is designed to be student-driven as participants will collaborate to develop scripts, record segments, edit clips using video software, and publish a weekly newscast. Students will work simultaneously to create individual projects (ex. personal narratives, screencast demonstrations, whiteboard videos, etc.) as well. In order to be successful, students should be self-directed, responsible, have a good work ethic, and be able to collaborate with classmates.

Florence High School T.V. Production Pathway:

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------------------------------|
| <i>Introduction to TV Production (1 Credit)</i> | <i>TV Production - Writing, Producing, Performing</i> | <i>TV Production - Studio Operations</i> | <i>TV Production - Photography & Editing</i> |
| | | <i>Sports Broadcasting</i> | <i>Advanced TV Production (1 Credit)</i> |

230212**Current Events/Grades 7-8(S)**

The focus of this class is to learn about what is going on in our world. Students will study about issues that are facing our country and countries around the globe. Students will look deeper into issues that are facing countries and brainstorm solutions for such problems. Students will also get to participate in a Fantasy Football type competition where they choose countries and receive points based on the number of times those countries are mentioned in the New York Times. This competition will take place throughout the course of the semester. Students will be required to stay up-to-date on what is happening in other areas around the world so that they can make smart trades and decisions when choosing countries.

284109**Guitar I/Grades 7-8(S)**

Students in this course will learn and master the fundamentals of music including, but not limited to: reading, counting, singing, improvising, and performing on the guitar. Each student will be exposed to and build both technical and musical skills through performance and active listening. In order for this to occur, students must participate in class.

You do not need to own your own guitar but it is encouraged for students to have one at home that they use for practice. Regular assessments will help students showcase what they have practiced and learned.

2020-2021

284209

Guitar II(S)

Guitar II-(Prerequisite Guitar I) A continuation of the skills and concepts learned in Guitar I or students must already possess basic skills in guitar. Students will explore mainstream genres on the guitar in a student-driven flipped-classroom environment. Students will use technology including Fender Play and other materials to drive their learning.

283100

Concert Band (7th Period Fall Semester)

The Concert Band is open to all 7th and 8th grade students. No prior music experience needed! Students new to band are fitted for an instrument that best suits them before the school year starts. Once the instrument fitting process is complete and a student has an instrument, they begin the basics and fundamentals of Band! These include:

- Reading Music!
- Instrument Assembly!
- Producing a Quality Sound!
- And Much MORE!
- Performance Opportunities

The Concert Band performs at various times at the end of the semester, but at the end of the first semester, students are allowed to audition for the Symphonic Band. Following a successful audition, students are then moved to the Symphonic Band for the remainder of the year.

****Students are required to provide an instrument and method books.***

For more information about joining the Band at FMS please contact our Band Director Mr. Jay at bljay@florencek12.org

283200

Symphonic Band (6th Period)

The Symphonic Band is an auditioned group of 7th and 8th grade students with previous band experience. The Symphonic Band students review the basics and fundamentals of beginning band as well as learn more advanced material. The Intermediate Band offers more opportunities for students to perform at in the community such as:

- Concerts!
- Music Performance Assessment!
- Pep Rallies!
- Special Occasions!

2020-2021

- Band Night with the Big Blue Marching Band!
- Competitions and Trips!

Students in the Symphonic Band are also encouraged to participate in the many events offered to middle school band students such as: Shoals Area Honor Band, Alabama All-State and District Honor Bands, Collegiate Honor Bands, Solo and Ensemble festivals. There are so many opportunities that are available!

For more information contact Mr. Jay at bljay@florencek12.org

****Students are required to provide an instrument and method books***

283105

Jazz Band (7th Period Spring Semester)

The Jazz Band course is a semester course and is open to 7th and 8th grade Symphonic Band students by audition. This class provides students an opportunity to study and perform in the instrumental jazz idiom. Students will learn jazz terminology, a variety of jazz styles, and basic improvisation techniques. The rhythm section is limited to the following spots

- Mallets
- Auxiliary Percussion
- Drumset
- Piano
- Bass
- Guitar

****Students are required to provide an instrument and method books.***

802210

Introduction to Foreign Language/7th Grade Only(S)

Exploration of French, Latin, German, and Spanish to help students determine the language that will be their high school focus for the required language credit.

460005/460007

FCCLA Grades 7/8(S)

The Teen Discoveries course places an emphasis on managing personal and family relationships, consumer and housing decisions, child care skills, clothing care/construction, and food preparation/nutrition. Class activities explore the Human Services and Hospitality and Tourism Programs available at the High School.

FCCLA is the optional affiliated Career and Technical Education Student Organization and offers Community Service activities and State and National competitive opportunities.

*Florence High School Family and Consumer Science Career Pathways:**Fashion Pathway:*

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|------------------------------------------|--------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| <i>Intro to Fashion (0.5 credit)</i> | <i>Fashion (1 credit)</i> | <i>Fashion Merchandising (1 credit)</i> | <i>Senior Pathway Project</i> |
| | <i>Fashion Design (1 credit)</i> | <i>Fashion Media (1 credit)</i> | <i>Portfolio Presentation/Studio Art/LAUNCH</i> |

Culinary Arts Pathway:

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|----------------------------------------------|
| <i>Family & Consumer Science (1 credit)</i> | <i>Hospitality & Tourism/Intro to Culinary (1 credit)</i> | <i>Culinary I (1 credit)</i> | <i>Baking & Pastry (1 credit)</i> |
| | | <i>Culinary II (1 credit)</i> | <i>Senior Pathway Project (1 credit)</i> |

285007**Introduction to Theater/ Grades 7/8(Y)**

In this course, students explore the elements of theatre - basic acting techniques, improvisation, script interpretation, and an introduction to musical theatre. Course is perfect for students who are interested in learning about acting or refining their skills before auditioning for Theatre II.

285008**Theater II/ Grades 7/8 (Y)****Production and Performance**

In this advanced level course, students refine performance and production skills. The course is designed for the serious theatre student interested in pursuing a FAFA high school track at the high school level and beyond. Students dive into multiple acting techniques, improvisation, script analysis, musical theatre, and Shakespeare. (Students are selected through audition.)

286007/286008**Visual Arts/Grades 7/8 (S)**

Semester-length course to introduce and develop basic art and design knowledge and skills. Various media and technology will be explored.

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283119/283219

Orchestra (Strings) Beginners and Advanced Grades 7/8(Y)

Beginning orchestra students will learn to play a violin-family instrument. This class is for students interested in beginning studying orchestral instruments: violin, viola, 'cello, and double bass. The orchestra classes for the more advanced students will deepen their understanding of musical technique and pedagogy.

283602 (Boys), 283601 (Girls)

Chorus/Grades 7/8(Y)

The various classes are divided into several performing groups- 7th grade girls chorus, 8th grade girls chorus, boys chorus, and a combined concert chorus. The students are given the opportunity to participate in the UNA Honor Choir, Alabama All-State Chorus, State Choral Performance Assessment, Solo/Ensemble Performance Assessment, Winter and Spring Concerts and the school-wide Talent Show

285102

Stagecraft/Grades 7/8(S)

Students will be introduced to the basics of technical theatre. Did you ever wonder "How did they do that?" Stagecraft students learn about all of the "behind the scenes" activities of theatre like special effects, set building, lighting, sound, scenic painting, properties, and costuming. Students will experience these aspects in a classroom setting and study the design process. This is an excellent exploration of the idea "How do creative people create?"

*****Foreign Language Course Recommended Prerequisites: 85 average or higher in the previous English course and high or above average on Performance Series Test.*****

270153

Spanish I/ Grade 8/ (HC)(Y)

Spanish I is an introductory course in the language and customs of Spanish-speaking nations. Using oral methods, the student learns to speak, read and listen. Simple vocabulary and situations strengthen memory lessons learned from tests, CD's, DVDs, websites, computer software and workbooks. Vocabulary is added to the words and expressions already learned during the second semester. Verb usage is also added, and the student begins to experiment with more realistic situations in which to use Spanish.

270023

2020-2021

French I/ Grade 8 /(HC)(Y)

Based on an oral approach, the teacher takes the student through the text-and-video course to become familiar with the French language, people and customs. It introduces the basic French sounds, alphabet and vocabulary, using conversational situations about school, clothes, colors, buildings and families. Connections are made to other subject areas, and comparisons are shown to the student's own language and culture. The student becomes familiar with various grammatical structures such as subject-verb combinations and adjective-antecedent agreement.

270111

Latin I/Grade 8. (HC)(Y)

1 introduces the student to the fundamentals of the Latin language and the culture of Roman civilization. The course primarily uses the inductive approach to language apprehension. The student learns the language by reading about the adventures (and

misadventures) of an ancient Roman family from the ill-fated city of Pompeii. The course also uses extensive digital tools and resources to bring the ancient language into the modern age. After passing this course, the student will be prepared to take Latin

2 at FFC/FHS.

450004

Computer Science for Innovators and Makers:PLT Grade 7 (S)

Throughout the course, students will learn about programming for the physical world by blending hardware design and software development, allowing students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects.

560023

Medical Detectives Grades 7/8 (S)

Medical Detectives (MD) explores the biomedical sciences through hands-on projects and labs that require students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

450004

Computer Essentials Grades 7/8 (S)

A course designed for students in Grades 7 or 8 who want to master basic skills in word processing, database management, spreadsheet applications, multimedia presentations, and Internet research. Specific content standards to be included in each of the courses are indicated in the Course of Study chart.

560003**Automation and Robotics/ Grades 7/8 (S)**

Any student interested in Robotics should also consider Career Clusters in Technologies I (7th grade) or II (8th Grade) class because these classes also focus on the mechanics of Robotics. This course spends the majority of the time designing, constructing, and programming VEX robots.

Florence High School Career Pathway for Coding, Robotics, and Greenpower:

Engineering Pathway

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-------------------------------------------|----------------------------------|-------------------------------------------|------------------------------|
| <i>Introduction to Engineering Design</i> | <i>Principles of Engineering</i> | <i>Engineering Design and Development</i> | <i>LAUNCH</i> |
| <i>Introduction to Robotics</i> | | | <i>Robotics Applications</i> |

Computer Science Pathway

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|---------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------|
| <i>Business Technology Applications(BTA) (0.5 credit)</i> | <i>Information Technology Fundamentals (1 credit)</i> | <i>Software Development (1 credit)</i> | <i>AP Computer Science Principles (1 credit) See math section of guide for details</i> |

420005**Introduction to Agriscience/ Grades 7 (S)**

Lab Program: Modern Woodworking & Carpentry

Introduction to Agriscience is a hands-on project based course providing students with a unique lab experience introducing them to basic carpentry and modern woodworking. Students will use a wide array of carpentry equipment ranging from hand tools to computer numeric controlled (CNC) equipment such as CNC Routers. This course is for any and all students interested in a course that provides hands-on project based learning, that allows the student to build and construct their very own project utilizing some of the most advanced shop equipment in the State. Introduction to Agriscience provides an overview of the Agriculture industry. Topics include career opportunities, safety, impact of agriculture, supervised agriculture experience, leadership development, environmental science, animal science, plant science, technology and biotechnology, agribusiness and woodworking.

420007**Agriscience Exploration / Grades 8 (S)****Lab Program: Modern Woodworking**

Agriscience Exploration is a hands-on project based course providing students with a unique lab experience introducing them to modern woodworking and electrical wiring. Students will use a wide array of carpentry equipment ranging from hand tools to computer numeric controlled (CNC) equipment. Students will also utilize tools for electrical wiring and have the opportunity to raise Catfish and Tilapia in the programs Aquaculture system. This course is for any and all students interested in a course that provides hands-on project based learning, that allows the student to build and construct their very own project utilizing some of the most advanced shop equipment in the State. Agriscience Exploration provides students the opportunity to gain knowledge and acquire skills relating to the agricultural industry. Topics include career opportunities, aquaculture, animal science, plant science, soil science, ecology, conservation, woodworking.

Florence High School Agriscience Pathway:

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-----------------------------------------------------|----------------------------------------|--------------------------------------------------------|--------------------------------------|
| <i>Agriscience (1 Credit)</i> | <i>Construction Framing (1 Credit)</i> | <i>Greenhouse Production and Management (1 Credit)</i> | <i>LAUNCH/Senior Pathway Project</i> |
| <i>Introduction to Metal Fabrication (1 Credit)</i> | | | |

Florence High School Welding Pathway:

| | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|--------------------|--------------------------------|-------------------------|--------------------------|---------------------------------|
| <i>FHS Pathway</i> | <i>Introduction to Welding</i> | <i>NCCER Welding II</i> | <i>NCCER Welding III</i> | <i>NCCER Welding IV /LAUNCH</i> |

| | | | | |
|----------------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------|
| <i>NWSCC Associates Degree Pathway</i> | <i>Welding 108 & Welding 122</i> | <i>Welding 109 & Welding 123</i> | <i>Welding 120 & Welding 125</i> | <i>Welding 257 & Welding 219</i> |
|----------------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------|

Students in Grades 7-12 are provided with a wide-array of course offerings allowing everything from full virtual school to only one virtual course. Students in Grades 7-12 may contact and work directly with School Counselors for course selection.

Mrs. Lorel Nix, 7th grade counselor: lnix@florencek12.org

Mrs. Terica Lewis-Hicks, 8th grade counselor: thicks@florencek12.org

| Florence Virtual School Course Offerings Grades 7-12 | | |
|---------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| ENGLISH | SOCIAL STUDIES | MATHEMATICS |
| English 7 | Civics/Geography Grade 7 | Math Grade 7 |
| Honors English 7 | World History Grade 8 | Math Grade 8 |
| English 8 | Honors History Grade 8 | Algebra I |
| Honors English 8 | World History Grade 9 | Geometry |
| English 9 | World History, Honors | Geometry, Honors |
| English 9, Honors | U.S. History I (To 1877) | Algebra II w/Trigonometry |
| English 10 | U.S. History I, Honors | Algebra II w/out Trig |
| English 10, Honors | U.S. History II (Since 1877) | Pre-Calc w/ Trigonometry |
| English 11 | U.S. History II (Semester Block) | Pre-Calc w/Trigonometry, Honors |

| | | |
|------------------------------------|-----------------------------------------|-------------------------------------------|
| English 11(Semester Block) | Economics | Applications of Finite Mathematics |
| English 12 | Economics (9 weeks block) | |
| English 12 (Semester Block) | U.S. Government | |
| | U.S. Government (9 weeks block) | |
| | | |
| SCIENCE | CAREER TECHNICAL EDUCATION | HEALTH & ELECTIVES |
| Science Grade 7 | Career Prep A | Physical Education Grade 7 |
| Honors Science Grade 7 | Career Prep B | Physical Education Grade 8 |
| Science Grade 8 | Management Principles | Visual Art Grades 7 and 8 |
| Honors Science Grade 8 | Marketing Principles | Health |
| Biology | Computer Programming | Psychology |
| Physical Science | Business Technology Applications | Sociology |
| Environmental Science | Personal Finance | Global Studies |
| Anatomy and Physiology | Sports Management | Journalism |
| Earth Science | | Intro to Film - 0.5 credit |
| Marine Science | | Creative Writing |
| | | Speech - 0.5 credit |
| | | Beginning Kinesiology |

2020-2021

Note: Beginning in the 2020-21 Career Prep B course content will be integrated into Economics.

7th Grade Course Request Form

<https://bit.ly/37zBLjN>

8th Grade Course Request Form

<https://bit.ly/2RzK7m9>

2020-2021