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## Planning Your Education

Your school provides this course curriculum guide as a means of assisting students and parents in understanding and planning their course of study. Students are encouraged to carefully select related arts courses during the registration process. Your school's guidance counselors and teachers stand ready to assist them. Parents are invited and encouraged to actively participate by assisting their student.

Related arts classes are scheduled based upon student requests. However, due to schedule conflicts and changes in course offerings, the staff cannot guarantee that students will be scheduled for all courses they request. In addition, be aware that the school builds a master schedule and employs teachers based on students' requests; therefore, schedule changes will only be considered on a very limited basis.

## Online Registration

Online Registration was implemented in 2004. It allows parents and students to request related arts courses for the next school year from home via the Internet. Families who do not have access to the Internet will be given opportunities to use school computers to register online. Parents and students should understand that requesting a related arts course through online registration does not guarantee that the student is placed in the course the next school year. Final placement in a course is dependent upon enrollment, scheduling feasibility, and teacher allocation. Parents without Internet access at home will receive a printed copy of the course curriculum guide by request. The window for students to select related arts courses online is posted by the school on the school's website and in parent newsletters. Schools will provide instructions on accessing the online registration tool.

## Promotion Criteria for Grades Six, Seven, and Eight

**Criterion 1:** Students in grades six through eight are expected to learn, at a minimum, curriculum standards in English language arts, mathematics, science, and social studies, and meet attendance requirements.

**Criterion 2:** The student earned a minimum average grade of 60% in English language arts, mathematics, science, and social studies (if language arts is taught as a separate subject in grades 6-8, the English language arts grade will be determined by the mean of the yearly average of reading and language arts.)

### End of Year Promotion Status

The following are summary designation and descriptors for end-of-year promotion status of students in grades six-eight.

**Promoted** – The student met all promotion criteria. The one exception is that students who fail a high school credit bearing course in middle school are promoted but must retake the course. Enrollment in these credit bearing courses will be determined by the district criteria.

**Promoted - Summer School Required** - The student failed to meet the criteria for one or two core academic areas, but successful performance in summer school for any deficient area was met.

## IGPs, Career Clusters and Personal Pathways to Success

The South Carolina Education and Economic Development Act (EEDA) requires school districts to develop a curriculum organized around the career cluster system—16 career clusters, schools of study, and majors. In the organization of the district curriculum around the career cluster system, Greenville County Schools divided the 16 career clusters into six schools of study. These six schools of study include School of Arts, Communication and Information Technology; Business, Marketing and Management; Environmental and Agricultural Systems; Health Science; Human Resources and Services; and Industrial Manufacturing and Engineering Systems. Under each school of study a student will find related career clusters. The career clusters are then broken down into academic focus areas (majors) that students may choose based on interests and skills.

Personal Pathways to Success is the name given to this reorganization of the curriculum which is designed to help students take control of planning for their futures. Personal Pathways to Success provides the solid mix of academic and technical skills students need to compete in the global economy. It gives students a reason to achieve in school by connecting success in school with success in life. It maintains South Carolina's core academic requirements while opening up pathways to success for students no matter where they lead – to two-year colleges, four-year colleges or universities, the military, or directly into the workforce. Students, parents, and counselors work together to develop Individual Graduation Plans (IGP) that specify a student's cluster, academic focus (major), post-secondary goals, planned high school activities, and planned out-of-class activities. The Individual Graduation Plan (IGP) is a document that states the student's intentions related to courses that are taken during high school. **The IGP is initiated in the 8th grade with the choice of a cluster area. When the IGP is updated in the 10th grade, the student will select an academic focus (major) within their cluster of choice.** Students will utilize Naviance, a comprehensive college and career readiness tool, to help them align their strengths and interests to their career goals. The courses that are taken are determined by the student's interests. It can be modified over time as interests and skills develop or change. The IGP is like a road map to the future: if the student stays on course, the student will reach the destination – graduation – with all the courses, skills and experience needed to take his education or career to the next level. Each year the student, parents/guardians, and counselors will review and update the plans for the coming year. Switching clusters or majors is okay -- as the high school years progress and the student learns more about his interests and skills there are bound to be changes in choice of coursework.

## Mission Statement

We are committed to each student's emotional, intellectual, and physical development by creating a community rich in authentic learning experiences rooted in STEAM and Project Based Learning fostering innovation, creative expression, and collaboration.

## Vision Statement

Our vision is to provide experiences that equip students with necessary skills to thrive in an ever-changing world.

### Dr. Phinnize J. Fisher Middle School Registration

#### Rising 7<sup>th</sup> and 8<sup>th</sup> Graders

Dr. Phinnize J. Fisher Middle School is a project-based learning, STEAM middle school with multiple opportunities for success. Please make sure to take your time and select courses, through the registration process, that interest you and meet your academic needs.

Academic course placement in English and Math classes are determined by teacher recommendations based on district set criteria for each of these classes. The sixth & seventh grade teachers are responsible for completing recommendations for their students. Once recommendations are made for individual students, they will have limited choices available based on those recommendations. It is the parents' responsibility to review all academic course recommendations for accuracy and to assist the children in the registration process. Any parent that has concerns with the academic recommendations is encouraged to contact the current teacher/s during the designated registration window. The academic placement is finalized at the close of the registration process.

Related Arts courses are selected based on requests, enrollment, teacher allocations and class size, as well as the limited number of students enrolled. Due to these restrictions, students may not be enrolled in the requested choices. As students rank their related arts courses, they should choose the courses that interest them the most, while keeping in mind there are no guarantees for course selections.

The administration, faculty and staff at Dr. Phinnize J. Fisher Middle School are excited for our returning class of rising seventh graders. While there are many challenges, it is our goal to make this promotion, a positive one, full of amazing opportunities. Parents, begin preparing your child by setting new goals, addressing changes that are inevitable and fostering a love of learning in this innovative school.

## Academic Course Placement Policy

Students are recommended for the academic courses by the current teachers using district mandated criteria. The Greenville County School District develops course placement criteria based on students' grades and standardized test scores. The goal is for all students to achieve success. Dr. Phinnize J. Fisher Middle School has a seven (7) period schedule. Students will attend seven periods each day. There are four core courses and a physical education/health course requirement for **all** students. STEAM class is required for 6<sup>th</sup> grade students. Based on standardized test results, some students may be required to take an additional reading, math or both course/s. The number of related arts courses is dependent on each individual student. Related arts courses should be ranked and decisions will be made based on need and availability.

## Seventh Grade

English – 1 required

English GT 7

English Studies 7

Math – 1 required

Math 7

Accelerated Math 7

Science – required

Science 7

Social Studies – required

Social Studies 7

Physical Education/Health – required

Physical Education/Health (S)

Academic-

TV Production 7 (S)

Spanish Beginner 7 (S)

Arts

Band 7<sup>th</sup> Brass

Band 7<sup>th</sup> Woodwinds

Singers Chorus

Strings 7

Art 7 Graphic Arts (S)

Art 7 Exploratory (S)- School Beautification

Theatre (S)

Career and Technical

GTT 7 Design Model (S)

GTT 7 Green Architecture (S)

GTT App Creators (S)

GTT Flight & Space (S)

GTT Energy & the Environment (S)

GTT Medical Detectives (S)

Robotics 7th (S)- Beginner & Advanced

Life Fitness (S)

Virtual Fundamentals of Computing (S): High School Credit

All students at the completion of the registration process should have a total of 7 classes.

## **Eighth Grade**

English- 1 required

English 1 Hon: High School Credit

English Studies 8

Math- 1 required

Geometry w/ Statistics 1: High School Credit

Math 8

Science- required

Science 8

Social Studies- required

SC/ US History

PE/Health- required

PE/ Health 8 (S)

Academic

Video Production 8 (S)

Spanish 1: High School Credit

Arts

Band 1: High School Credit

Orchestra 1: High School Credit

Chorus 1: High School Credit

Art 8 Beginning (S)

Art 1: High School Credit

Theatre (S)

Career & Technical

GTT App Creators (S)

GTT 8 Auto Robotics (S)

GTT Flight & Space (S)

GTT Energy & the Environment (S)

GTT Medical Detectives (S)

Virtual Fundamentals of Computing (S): High School Credit

Intro to Engineering & Design: High School Credit

Nutrition & Wellness: High School Credit

**For your Related Arts, you will select your classes in one of the two ways: 1 yearlong & 1 semester class OR 3 semester classes**

## Course Descriptions

### English

**Title:** English Studies 7th

**Course Number:** 20013100

**Unit Credit:** 0

**Grade Level:** 7

English Studies 7 is designed to prepare students for College and Career readiness as required by the South Carolina State Standards. The curriculum exposes students to a variety of genres, both literary and informational. Placement recommendations: Successful completion of grade 6

**Title:** English GT 7th

**Course Number:** 20013200

**Unit Credit:** 0

**Grade Level:** 7

This course is designed to meet the needs of academically gifted and talented students who were identified through the standard measures implemented by The School District of Greenville County. The curriculum designed specifically for this course meets the guidelines set forth by the South Carolina State Department of Education as criteria for Gifted and Talented instruction. Students should expect to find the curriculum challenging in a number of ways: text complexity, analytical writing, problem solving, creative endeavors, and accelerated pace. PREREQUISITE: Identified as GTA (Gifted and Talented Academic).

**Title:** English Studies 8th

**Course Number:** 20013800

**Unit Credit:** 0

**Grade Level:** 8

English Studies 8 is designed to prepare students for College and Career readiness as required by the South Carolina State Standards. The curriculum exposes students to a variety of genres, both literary and informational. Placement recommendations: Successful completion of grade 7

**Title:** Reading Assistance 7th

**Course Number:** 20241300

**Unit Credit:** 0

**Grade Level:** 7

This course offers students remediation and additional assistance in reading skills in support of on grade level instruction in the regular Language Arts and/or Literature classroom. PREREQUISITE: Guidance Placement

**Title:** Reading Assistance 8th

**Course Number:** 20243500

**Unit Credit:** 0

**Grade Level:** 8

This course offers students remediation and additional assistance in reading skills in support of on grade level instruction in the regular Language Arts and/or Literature classroom. PREREQUISITE: Guidance Placement

**Title:** English 1 Hon

**Course Number:** 302403HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

English 1 Honors is a course for academically gifted students who have the ability to pursue an accelerated English program. These students may be preparing for Advanced Placement English - college level courses - in high school; therefore, the coursework will reflect more rigor than English I CP. Note: This course carries Honors GPA weighting. Prerequisites: High level of performance in reading and writing skills, ability to think critically and demonstrated enthusiasm for language arts, and/or teacher recommendation. All GTA identified students should enroll in the GT or Honors level course

## Math

**Title:** Math 7th  
**Unit Credit:** 0  
**Grade Level:** 7

**Course Number:** 21100500

The emphasis in this standards-based seventh-grade course is on algebraic thinking and on extending the understanding of the real number system to include integers, rational numbers, and irrational numbers. Students will investigate applications of number theory and will acquire skills in adding, subtracting, multiplying, and dividing integers. Students will solve applied problems by using one-step equations and inequalities, percents, and proportional reasoning. Students will develop algebraic thinking by analyzing patterns to discover relationships, by representing information through symbolic, graphical, and tabular methods, and by identifying relationships that are linear. Throughout the course there is an emphasis on the SCCR mathematical process standards of problem-solving, communication, reasoning, representations, and connections. PREREQUISITE: Math 6

**Title:** Math 8th  
**Unit Credit:** 0  
**Grade Level:** 8

**Course Number:** 21100700

This standards-based eighth grade course places strong emphasis on applications of the mathematical concepts and skills related to decimals, fractions, percents, and integers to solving a variety of real-world problems. In addition, students will extend their understanding of the concepts proportion and measurement and apply this knowledge in problem-solving situations. Students will further develop their algebraic thinking by investigating the merits and limitations of graphical, symbolic, tabular, and verbal representations of relationships. Throughout the course there is an emphasis on the SCCR mathematical process standards of problem-solving, communication, reasoning, representations, and connections. PREREQUISITE: Math 7

**Title:** Math 7th/8th  
**Unit Credit:** 0  
**Grade Level:** 7 - 8

**Course Number:** 21102000

This standards-based course places strong emphasis on applications of the mathematical concepts and skills related to decimals, fractions, percents, integers, rational and irrational numbers to solving a variety of real-world problems. In addition, students will extend their understanding of the concepts proportion and measurement and apply this knowledge in problem-solving situations. Students will further develop their algebraic thinking by investigating the merits and limitations of graphical, symbolic, tabular, and verbal representations of relationships. Throughout the course there is an emphasis on the SCCR mathematical process standards of problem-solving, communication, reasoning, representations, and connections. PREREQUISITE: Must meet district criteria including Teacher recommendation

**Title:** Geometry with Statistics (8th)  
**Unit Credit:** 1  
**Grade Level:** 8

**Course Number:** 412208HW

THIS COURSE IS TO BE USED IN MIDDLE SCHOOL ONLY. Students in this accelerated course will study a mix of eighth-grade math and Geometry with Statistics (GS) indicators. GS, the first of four required high school math courses, builds on middle school experiences and prepares students for post-secondary goals while fostering an appreciation for mathematics. By introducing GS in eighth grade, students enhance their reasoning and sensemaking skills, making math more applicable to real-life situations. The course emphasizes statistics for data analysis and deepens understanding of transformations, congruence, and similarity, along with algebraic calculations and probability, to improve decision-making skills.

## Science

**Title:** Science 7th  
**Unit Credit:** 0  
**Grade Level:** 7

**Course Number:** 22211300

The focus of science in seventh grade is to provide students with inquiry based experiences that develop science concepts in the following areas: Cells and Heredity-structure and function of cells and heredity; Human Systems and Disease-functions and interconnections within the human body and breakdown of these functions due to disease; Ecology-the Biotic and Abiotic Environment-interactions and responses between biotic and abiotic components and organisms; and Chemical Nature of Matter-classifications, properties and changes in matter. PREREQUISITE: Successful completion of previous grade or science course

**Title:** Science 8th

**Course Number:** 22513500

**Unit Credit:** 0

**Grade Level:** 8

The focus for science in eighth grade is to provide students with inquiry based experiences that develop science concepts in the following areas: Earth's Biologic History-Earth's biologic diversity over time; Structure and Process in Earth System-materials and processes that alter the structure of Earth; Astronomy-characteristics, structure, and motions of celestial bodies in the universe; Forces and Motion-effects of forces on the motion of an object; and, Waves-properties and behaviors of waves. PREREQUISITE: Successful completion of previous grade or science course

## Social Studies

**Title:** Social Studies 7th

**Course Number:** 23101300

**Unit Credit:** 0

**Grade Level:** 7

Seventh grade social studies continues the study of world cultures with a focus on the changes that have occurred in Europe, Africa, Asia, and the Americas from 1600 to the present. Students examine the history, geography, and continuing changes in political and economic ideas that have shaped the world in which we live today. Students also address the growing interaction among societies developing concurrently during this period, including the exchange of ideas, beliefs, technologies, and commodities. Instruction should emphasize the elements of social studies literacy, the tools, strategies, and perspectives necessary for understanding how history, geography, economics and government are interwoven. PREREQUISITE: Successful completion of previous grade or course

**Title:** SC/US History 8th

**Course Number:** 23203500

**Unit Credit:** 0

**Grade Level:** 8

Eighth grade social studies focuses on the story of the history of South Carolina and the role that the state and its people have played in the development of the United States as a nation. Students learn about the state's development during colonial times and the growth of the American ideal which led to the break with England, the rising controversy about slavery, and the Civil War. The study of the rebuilding of South Carolina after the Civil War and the continuing struggle for civil rights and justice waged by the people of South Carolina allows students to see the progress that the state has made and to appreciate the contributions that its people have made to the nation as a whole. Students also learn about the major political, economic, and social changes in South Carolina through the twentieth century and to the present in the context of national and worldwide events. Instruction should emphasize the elements of social studies literacy, the tools, strategies, and perspectives necessary for understanding how history, geography, economics and government are interwoven in our state's history. PREREQUISITE: Successful completion of previous grade or course

## Arts

**Title:** Art 8th Beginning

**Course Number:** 25014100

**Unit Credit:** 0

**Grade Level:** 8

Students will refine their ability to communicate visually, manage a wide range of tools and materials, and achieve quality, style, and craftsmanship in drawing, painting, printmaking, sculpture, and crafts. Students will have opportunities for evaluating and critiquing their own and other students' artwork as well as studying artists and analyzing their work. PREREQUISITE: None

**Title:** Theatre 7th Beginning

**Course Number:** 25213800

**Unit Credit:** 0

**Grade Level:** 7

This course explores theater arts through the use of creative dramatics, diction, vocal expression, improvisation, dramatization, technical theatre, audience etiquette, and theatre appreciation. Performances will be an outgrowth of study. PREREQUISITE: None

**Title:** Theatre 8th Beginning

**Course Number:** 25214400

**Unit Credit:** 0

**Grade Level:** 8

This course explores theater arts through the use of creative dramatics, diction, vocal expression, improvisation, dramatization, technical theatre, audience etiquette, and theatre appreciation. Performances will be an outgrowth of study. PREREQUISITE: None



**Title:** Band 7th Brass

**Course Number:** 25312600

**Unit Credit:** 0

**Grade Level:** 7

This course is a continuation of Band 6 for trumpet, French horn, trombone, euphonium and tuba. Intermediate-level middle school literature will be studied. The curriculum includes the development of fundamental skills, concepts, composition, cooperative learning, music as it relates to history and culture, and band techniques. The class will include an expectation for the purchase or rental of an instrument and individual practice at home. Concert performances will be an outgrowth of the study of musical concepts. PREREQUISITE: Band 6 Brass or permission of the instructor

**Title:** Band 7th Woodwinds

**Course Number:** 25312700

**Unit Credit:** 0

**Grade Level:** 7

This course is a continuation of Band 6 for Woodwind instruments. Intermediate-level middle school literature will be studied. The curriculum includes the development of fundamental skills, concepts, composition, cooperative learning, music as it relates to history and culture, and band techniques. The class will include an expectation for the purchase or rental of an instrument and individual practice at home. Concert performances will be an outgrowth of the study of musical concepts. PREREQUISITE: Band 6 Woodwinds or permission of the instructor

**Title:** Band 8th

**Course Number:** 25313500

**Unit Credit:** 0

**Grade Level:** 8

This course is a continuation of Band 7 for brass, woodwind, and percussion instruments. Advanced-level middle school literature will be studied. The curriculum includes the development of fundamental skills, concepts, composition, cooperative learning, music as it relates to history and culture, and band techniques. The class will include an expectation for the purchase or rental of an instrument and individual practice at home. Concert performances will be an outgrowth of the study of musical concepts. PREREQUISITE: Band 7 or permission of instructor

**Title:** Chorus 7th Beginning

**Course Number:** 25413800

**Unit Credit:** 0

**Grade Level:** 7

The purpose of this course is to enable students to continue to develop the fundamental vocal musicianship, technical skills, and aesthetic awareness learned in Chorus 6, through the study and performance of varied middle school choral literature. The curriculum for Chorus 7 includes vocal technique, part singing, music fundamentals, and singing music of various historical and world styles through large and small group participation. Concert performances will be an outgrowth of the study of the musical concepts. PREREQUISITE: None

**Title:** Strings 7th

**Course Number:** 25511300

**Unit Credit:** 0

**Grade Level:** 7

This course is a continuation of Strings 6 for violin, viola, cello, and string bass. Intermediate-level middle school literature will be studied. The curriculum includes the development of fundamental skills, concepts, composition, cooperative learning, music as it relates to history and culture, and strings techniques. The class will include an expectation for the purchase or rental of an instrument and individual practice at home. Concert performances will be an outgrowth of the study of musical concepts. PREREQUISITE: Strings 6 or permission of instructor

**Title:** Strings 8th

**Course Number:** 25513500

**Unit Credit:** 0

**Grade Level:** 8

This course is a continuation of Strings 7 for violin, viola, cello, and string bass. Advanced-level middle school literature will be studied. The curriculum includes the development of fundamental skills, concepts, composition, cooperative learning, music as it relates to history and culture, and strings techniques. The class will include an expectation for the purchase or rental of an instrument and individual practice at home. Concert performances will be an outgrowth of the study of musical concepts. PREREQUISITE: Strings 7 or permission of instructor

**Title:** Graphic Art & Design 7th

**Course Number:** 25991900

**Unit Credit:** 0

**Grade Level:** 7

The purpose of this course is to challenge the students' problem solving skills through the relationship of images and fonts. Compasses, French curves, protractors and ruler knowledge will be used to solve technical projects manually. The students will also learn the basics of letter formations and typographical formats. Some projects will be enhanced with computer graphics. PREREQUISITE: None

**Title:** Singers Chorus

**Course Number:** 25993000

**Unit Credit:** 0

**Grade Level:** 6 - 8

This course is for students with advanced vocal talents. Students study either early music literature, vocal jazz, or popular music. They learn the elements of music, proper tone quality production, music reading, and vocal flexibility as it relates to style. The direction and emphasis of the course are determined by the instructor. **PREREQUISITE:** Instructor approval

**Title:** Art 1

**Course Number:** 350101CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This introductory course provides students with problem-solving experiences in two and three-dimensional media, stressing design elements (line, shape, form, value, color, space, and texture), and design principles, (proportion, emphasis, harmony/unity, balance, rhythm/movement, contrast repetition/ pattern, and variety). Emphasis is on the development of basic skills. **PREREQUISITE:** None

**Title:** Instrumental Music: Band 1

**Course Number:** 353102CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course emphasizes basic musicianship and performance techniques on individual woodwind brass and percussion instruments. Students concentrate on developing technique breath control tone quality range and proper posture. Students participate in small and large ensembles in which quality traditional and contemporary literature reinforce important musical concepts. The major emphasis of this course is on traditional concert literature. Students will have the opportunity to perform as soloists and members of ensembles. **PREREQUISITE:** Participation in the middle school program or private study and teacher recommendation

**Title:** Chorus 1

**Course Number:** 354101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This is a non-auditioned course open to all students. This course emphasizes the development of basic vocal techniques and skills including: good posture, tone quality, breath support, diction, and attack and release. Attention is given to the understanding and practice of basic elements of music including music reading skills. Students may have the opportunity to sing in foreign languages while studying a variety of styles of choral music. Vocal independence is emphasized in the performance opportunities that will be given. This is considered a beginning level class and students will have the opportunity to audition for advanced choral classes after completing Chorus 1. **PREREQUISITE:** None

**Title:** Orchestra/strings 1

**Course Number:** 355101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course is a supplementary experience for students with superior musical talents. This course emphasizes basic musicianship on individual strings or orchestra instruments. Students concentrate on developing technique, tone quality, range, and proper posture. Students receive concentrated instruction in performance techniques and have the opportunity to apply them through solo performance and chamber ensemble participation. **PREREQUISITE:** Participation in the middle school program or private study and teacher recommendation

## Foreign Language

**Title:** Spanish 7 Beginner Level

**Course Number:** 26501300

**Unit Credit:** 0

**Grade Level:** 7

Aligned with the district's vision, philosophy, and goals for world language education, this beginner course introduces students to the second language through high-quality learning experiences. Not only do students gain an understanding of what it means to learn a new language, they also experience progress over time and are likely to be motivated to continue language study. Students learn enough language to ensure that they will not be total beginners when they take another course in the same language. The goal of this course is to develop some language competence. **PREREQUISITE:** None

**Title:** Spanish 1 CP

**Course Number:** 365107CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

PREREQUISITES: None

## Physical Education

**Title:** PE/Health 7th

**Course Number:** 2460A100

**Unit Credit:** 0

**Grade Level:** 7

Enrollment in this course fulfills the state law requiring 9 weeks of health education every year for all students in grades 6 - 8. Course content focuses on teaching students the information and the skills needed to become health literate, maintain and improve personal health, prevent disease, and reduce health-related risk behaviors as outlined in the SC Health and Safety Curriculum Standards. The course also focuses on evaluating, advocating, and coordinating valid resources and services to meet the needs of students, families, and communities. Course content areas include Personal Health and Wellness, Nutritional Choices, Mental Health, Preventing Injuries, Family Living, and Alcohol, Tobacco and Other Drugs. PREREQUISITE: None

**Title:** PE/Health 8th

**Course Number:** 2460A200

**Unit Credit:** 0

**Grade Level:** 8

Enrollment in this course fulfills the state law requiring 9 weeks of health education every year for all students in grades 6 - 8. Course content focuses on teaching students the information and the skills needed to become health literate, maintain and improve personal health, prevent disease, and reduce health-related risk behaviors as outlined in the SC Health and Safety Curriculum Standards. The course also focuses on evaluating, advocating, and coordinating valid resources and services to meet the needs of students, families, and communities. Course content areas include Personal Health and Wellness, Nutritional Choices, Mental Health, Preventing Injuries, Family Living, and Alcohol, Tobacco and Other Drugs. PREREQUISITE: None

## Career and Technology

**Title:** GTT7 Design & Modeling

**Course Number:** 27800000

**Unit Credit:** 0

**Grade Level:** 7

This unit uses solid modeling (a very sophisticated mathematical technique for representing solid objects) to introduce students to the design process. Utilizing this design approach, students understand how solid modeling has influenced their lives. Students also learn sketching techniques, and use descriptive geometry as a component of design, measurement, and computer modeling. Using design briefs or abstracts, students create models and documentation to solve problems.

**Title:** GTT8 Automation & Robotics

**Course Number:** 27811000

**Unit Credit:** 0

**Grade Level:** 8

Students trace the history and development of automation and robotics. They learn about structures, energy transfer, machine automation, and computer control systems. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in engineering.

**Title:** GTT7 App Creators

**Course Number:** 27820000

**Unit Credit:** 0

**Grade Level:** 7

This unit will expose students to computer science as a means of computationally analyzing and developing solutions to authentic problems through mobile app development, and will convey the positive impact of the application of computer science to other disciplines and to society.

**Title:** GTT8 App Creators

**Course Number:** 27821000

**Unit Credit:** 0

**Grade Level:** 8

This unit will expose students to computer science as a means of computationally analyzing and developing solutions to authentic problems through mobile app development, and will convey the positive impact of the application of computer science to other disciplines and to society.

**Title:** GTT7 Energy and the Environment

**Course Number:** 27830000

**Unit Credit:** 0

**Grade Level:** 7 - 8

Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They use what they've learned to design and model alternative energy sources, as well as evaluate options for reducing energy consumption.

**Title:** GTT8 Energy and the Environment

**Course Number:** 27831000

**Unit Credit:** 0

**Grade Level:** 7 - 8

Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They use what they've learned to design and model alternative energy sources, as well as evaluate options for reducing energy consumption.

**Title:** GTT7 Flight and Space

**Course Number:** 27840000

**Unit Credit:** 0

**Grade Level:** 7

The exciting world of aerospace comes alive through the Flight and Space (FS) unit. Students become engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel and live in space. They solve real-world aviation and space challenges and plan a mission to Mars.

**Title:** GTT8 Flight and Space

**Course Number:** 27841000

**Unit Credit:** 0

**Grade Level:** 8

The exciting world of aerospace comes alive through the Flight and Space (FS) unit. Students become engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel and live in space. They solve real-world aviation and space challenges and plan a mission to Mars.

**Title:** GTT7 Green Architecture

**Course Number:** 27880000

**Unit Credit:** 0

**Grade Level:** 7

In this unit, students learn how to apply green concepts to the fields of architecture and construction. They explore dimensioning, measuring, and architectural sustainability and apply what they have learned to design affordable housing units using Autodesk's® 3D architectural design software.

**Title:** GTT7 Medical Detectives

**Course Number:** 27890000

**Unit Credit:** 0

**Grade Level:** 7

Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

**Title:** GTT8 Medical Detectives

**Course Number:** 27891000

**Unit Credit:** 0

**Grade Level:** 8

Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

**Title:** Fundamentals of Computing

**Course Number:** 502305CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course of study is designed to allow students to explore a variety of computer science topics, such as web design, human computer interactions, programming, and problem solving. Optional topics include mobile applications, robotics, and digital animation. Students will develop critical thinking, logic, and problem solving skills relevant to today's technology.

**Title:** PLTW Intro Eng Design

**Course Number:** 605101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

A course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. This setup exposes the student to engineering principles while requiring the students to maintain journals, organize their work, solve problems and complete a design project for each module. This course must be taught by a teacher who has received Project Lead the Way training. PREREQUISITE: Teacher Rec

## Miscellaneous

**Title:** Life Fitness 7th

**Course Number:** 24991500

**Unit Credit:** 0

**Grade Level:** 7

Life Fitness is a related arts class taught through the physical education department. It focuses on nutrition, exercise, along with cardiovascular and strength building activities. The purpose of the class is to encourage habits that lead to healthy, active adult life.

PREREQUISITE: None

**Title:** Television Prod 7th

**Course Number:** 25991300

**Unit Credit:** 0

**Grade Level:** 7

In this course, students study journalism in a television broadcast setting. Study includes review of principles of journalism, writing, camera technique, research and interviewing, culminating in regular production of actual programming for in-school television and community viewing.

PREREQUISITE: None

**Title:** Video Production 8th-1

**Course Number:** 25991500

**Unit Credit:** 0

**Grade Level:** 8

In this course, students study journalism in a television broadcast setting. Study includes review of principles of journalism, writing, camera technique, research and interviewing, culminating in regular production of actual programming for in-school television and community viewing.

PREREQUISITE: None

**Title:** Robotics - 7th

**Course Number:** 27013900

**Unit Credit:** 0

**Grade Level:** 7

Students trace the history and development of automation and robotics. They learn about structures, energy transfer, machine automation, and computer control systems. PREREQUISITE: none

**Title:** Exploratory 7

**Course Number:** 27019200

**Unit Credit:** 0

**Grade Level:** 7

This course provides students with the opportunity to explore and learn information and skills that will enhance their academic and personal lives in middle school. PREREQUISITE: None

**Title:** Study Topics 7th

**Course Number:** 27991600

**Unit Credit:** 0

**Grade Level:** 7

This course focuses on skills that students need to make better and more efficient use of study time. Students will actively engage in learning time management skills, study techniques, organizational skills, and test-taking strategies to strengthen their performance in the classroom.

PREREQUISITE: None

**Title:** ESOL 7th

**Course Number:** 27991900

**Unit Credit:** 0

**Grade Level:** 7

This course is designed for the student who has a primary language other than English, and is not proficient in listening, speaking, reading, writing, or comprehension in the English speaking classroom. Instruction will be provided in the areas of listening, speaking, reading, writing, and comprehension to assist students in classrooms where English is the language of instruction. Students will receive skills to aid in the transition to all academic areas, as well as help in the preparation for middle school formal tests. Limited English proficiency should be determined by an approved language assessment instrument. PREREQUISITE: Guidance Placement

**Title:** Study Topics 8th

**Course Number:** 27994000

**Unit Credit:** 0

**Grade Level:** 8

This course focuses on skills that students need to make better and more efficient use of study time. Students will actively engage in learning time management skills, study techniques, organizational skills, and test-taking strategies to strengthen their performance in the classroom. PREREQUISITE: None

**Title:** ESOL 8th

**Course Number:** 27994400

**Unit Credit:** 0

**Grade Level:** 8

This course is designed for the student who has a primary language other than English, and is not proficient in listening, speaking, reading, writing, or comprehension in the English speaking classroom. Instruction will be provided in the areas of listening, speaking, reading, writing, and comprehension to assist students in classrooms where English is the language of instruction. Students will receive skills to aid in the transition to all academic areas, as well as help in the preparation for middle school formal tests. Limited English proficiency should be determined by an approved language assessment instrument. PREREQUISITE: Guidance Placement

**Title:** Video Gaming

**Course Number:** 27999700

**Unit Credit:** 0

**Grade Level:** 7 - 8