



Table of Contents

Page 1	Planning Your Education - Grades 7/8 Online Registration Promotion Criteria IGPs, Career Clusters and Personal Pathways to Success
Page 3	School Information
Page 5	Course Descriptions

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.

WOODMONT MIDDLE SCHOOL

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Piedmont, South Carolina 29673
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SEVENTH AND EIGHTH GRADE COURSE CATALOG

ADMINISTRATION

Principal	Mr. Kyle Pearson
Assistant Principal	Ms. Tonya Woods
Assistant Principal	Mr. Jim Deese
Administrative Assistant	Ms. Lauren Johnson
Instructional Coach	Ms. Nicole Welsh

SCHOOL COUNSELING DEPARTMENT

School Counseling Clerk	Ms. April Albrecht
6th Grade Counselor	Ms. Sharon Smith Ms. Gayna Smith
7th Grade Counselor	Ms. Madison Williams
8th Grade Counselor	Mr. Chad McGee

Woodmont Middle School

7th and 8th Grade Registration

TEAMING

Currently, the 7th and 8th grade team are comprised of separate teams. Your child will be assigned to a team that will provide your student with all academic courses of English, Math, Science, and Social Studies, as well as homeroom and LIFT. Related Arts courses are not teamed. Students from all teams will be merged together for related arts courses.

The teaming concept allows a core group of teachers the opportunity to provide a more student centered approach to learning by allowing them to focus on fewer number of students. Woodmont has found that building that relationship component with students and families has had a direct impact on student achievement.

COURSES FOR 7TH AND 8TH GRADERS

All rising 7th and 8th grade students are required to take English, Math, Science, Social Studies, and Physical Education. In addition, students will request a combination of Related Arts courses; 3 semester-long Related Arts courses OR 1 year-long Related Arts course and 1 semester-long Related Arts courses. Placement in English and Math classes are determined by district criteria. Teachers are responsible for completing recommendations for their students. These recommendations will be visible to students and parents during the registration process. Parents will have the opportunity to review all academic course recommendations and assist their children with their Related Arts course requests and alternate requests.

ACADEMIC COURSES FOR 7TH GRADERS

LANGUAGE ARTS REQUIREMENT (1 Required)

English Studies 7

English GT 7

MATH REQUIREMENT (1 Required)

Math 7

Math 7/8

SCIENCE REQUIREMENT (1 Required)

Science 7

SOCIAL STUDIES REQUIREMENT (1 Required)

Social Studies 7

RELATED ARTS COURSES FOR 7th GRADERS

All 7th graders should select Related Arts courses from the list below using one of the following options below:

Option 1: Choose three (3) semester-long Related Arts courses and two (2) different alternates

OR

Option 2: Choose one (1) year-long Related Arts course and an additional semester course, and two (2) different alternates

SEMESTER-LONG COURSES

Art

AgEducation

Music

GTT Design and Modeling 7

GTT Science of Technology 7

GTT Flight and Space 7

GTT Medical Detectives

GTT Energy and the Environment

GCVS Cyber Citizenship

GCVS Creative Writing

GCVS Personal Finance

YEAR-LONG COURSES

Band

Chorus Intermediate

Strings

ACADEMIC COURSES FOR 8TH GRADERS

LANGUAGE ARTS REQUIREMENT (1 Required)

English Studies 8

English 1 Honors

MATH REQUIREMENT (1 Required)

Math 8

Geometry Honors

SCIENCE REQUIREMENT (1 Required)

Science 8

SOCIAL STUDIES REQUIREMENT (1 Required)

Social Studies 8

RELATED ARTS COURSES FOR 8th GRADERS

All 8th graders should select Related Arts courses from the list below using one of the following options below:

Option 1: Choose three (3) semester-long Related Arts courses and two (2) different alternates

OR

Option 2: Choose one (1) year-long Related Arts course and an additional semester course, and two (2) different alternates

SEMESTER-LONG COURSES

Art

AgEducation

General Music

GTT Science of Technology 8

GTT Flight and Space 8

GTT Medical Detectives 8

GTT Energy and the Environment 8

GTT Design and Modeling 8

GCVS Cyber Citizenship

GCVS Creative Writing

GCVS Personal Finance

YEAR-LONG COURSES

Band 8

Band 1

Strings 8

Art 1

Chorus Intermediate 8

Chorus 1

Agriculture Science Tech

Academic Support

Read 180 is a year-long class taken during Related Arts periods. This class will be assigned by the IEP Team. Students enrolled in Read 180 will also take PE and one additional Related Arts class. This class is an intensive reading comprehension program to improve skills and raise test scores.

Course Descriptions

English

Title: English Studies 7th
Unit Credit: 0
Grade Level: 7

Course Number: 20013100

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
Unit Credit: 0
Grade Level: 7

Course Number: 20013200

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
Unit Credit: 0
Grade Level: 8

Course Number: 20013800

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: English 1 Hon
Unit Credit: 1
Grade Level: 8 - 12

Course Number: 302403HW

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 SCCCR 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 SCCCR 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 SCCCR mathematical process standards of problem-solving, communication, reasoning, representations, and connections. PREREQUISITE: Must meet district criteria including Teacher recommendation

Title: Algebra 1 Hon
Unit Credit: 1
Grade Level: 7 - 12

Course Number: 411402HW

Algebra 1 Honors students will study all of the topics included in CP Algebra 1. They will also study additional topics including step functions, transformations of absolute value functions, factoring quartic expressions in quadratic form, translating a quadratic function into vertex form, and sequences as functions. The SCCCR mathematical process standards apply throughout the course and, along with content standards prescribe that students experience math as a coherent, useful, and logical subject. **PREREQUISITE:** Math 6/7/8, or Math 7/8, or Math 8; District Criteria; Math Teacher Recommendation

Title: Geometry Hon
Unit Credit: 1
Grade Level: 8 - 12

Course Number: 412202HW

Geometry Honors students study all of the topics included in CP Geometry. Honors students will study additional topics including truth tables, triangle centers, Euler's line, Law of Sines, Law of Cosines, and Cavalieri's Principle. The SCCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. **PREREQUISITE:** Algebra 1; District Criteria; Math Teacher Recommendation

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
Unit Credit: 0
Grade Level: 8

Course Number: 22513500

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
Unit Credit: 0
Grade Level: 7

Course Number: 23101300

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/JS History 8th
Unit Credit: 0
Grade Level: 8

Course Number: 23203500

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 7th Beginning

Course Number: 25011600

Unit Credit: 0

Grade Level: 7

Students will develop creative-thinking and problem-solving skills as they observe the world around them. They will explore and produce artwork including drawing, painting, printmaking, sculpture, arts, and crafts. A study of artists and their work will help students understand the techniques, skills, and diverse intentions of artists from many cultures and times. PREREQUISITE: None

Title: Art 7th Intermediate

Course Number: 25012700

Unit Credit: 0

Grade Level: 7

Techniques for drawing and design, creative problem-solving, personal expression and artistic craftsmanship will be studied. As a part of the curriculum of this course for more experienced students, a variety of experiences with local artists and community arts organizations will be explored. PREREQUISITE: Previous art instruction and teacher recommendation

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: Band 7th

Course Number: 25311300

Unit Credit: 0

Grade Level: 7

This course is a continuation of Band 6 for brass, woodwind, and percussion 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 or permission of 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: Chorus 7th Intermediate

Course Number: 25414100

Unit Credit: 0

Grade Level: 7

This is the study of music written for soprano, alto and baritone voices. Students will continue to develop the elements of music as they are exposed to more advanced part-singing. This course will emphasize the development of musical sound and vocal technique, comprehensive musicianship and vocal independence. Students will perform in various school and community settings. PREREQUISITE: Prior choral experience with teacher recommendation

Title: Chorus 8th Beginning

Course Number: 25414400

Unit Credit: 0

Grade Level: 8

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 7, through the study and performance of varied middle school choral literature. The curriculum for Chorus 8 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: Chorus 8th Intermediate
Unit Credit: 0
Grade Level: 8

Course Number: 25414700

This choral music class will focus on the development of good singing techniques as well as sight-reading. Students will have opportunities to participate in district music clinics and perform in choral concerts and school showcases throughout PREREQUISITE: Chorus 7 with teacher recommendation

Title: Strings 7th
Unit Credit: 0
Grade Level: 7

Course Number: 25511300

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
Unit Credit: 0
Grade Level: 8

Course Number: 25513500

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: General Music 7th
Unit Credit: 0
Grade Level: 7

Course Number: 25611300

This is a course providing students with the opportunity to explore musical concepts and further their understanding of music through listening, singing, playing instruments, and engaging in creative activities. PREREQUISITE: None

Title: General Music 8th
Unit Credit: 0
Grade Level: 8

Course Number: 25613500

This is a course providing students with the opportunity to explore musical concepts and further their understanding of music through listening, singing, playing instruments, and engaging in creative activities. PREREQUISITE: None

Title: Art 1
Unit Credit: 1
Grade Level: 7 - 12

Course Number: 350101CW

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
Unit Credit: 1
Grade Level: 8 - 12

Course Number: 353102CW

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
Unit Credit: 1
Grade Level: 8 - 12

Course Number: 354101CW

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 1 (H)
Unit Credit: 1
Grade Level: 8 - 12

Course Number: 355100HW

Orchestra 1 Honors is a course designed for advanced musicians. Students entering Orchestra 1 Honors must be able to successfully play SCMEA Orchestra Division senior level scales and sight reading requirements and concert music ranging from grade 3 to 4. Students will be expected to consistently demonstrate a mature characteristic tone quality on their instrument. Honors orchestra classes are performance-based and as a result, are directly tied to co-curricular activities. Participation in auditions and concerts out of the regular school day are required. Students enrolled in Instrumental Music: Orchestra 1 Honors will be required to participate in winter and spring concerts, SCMEA Concert Performance Assessment, Greenville All-County Orchestra auditions, Region and All-State Orchestra auditions, SCMEA Solo and Ensemble and other performances determined by the school orchestra director.

Title: Orchestra/strings 1
Unit Credit: 1
Grade Level: 8 - 12

Course Number: 355101CW

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

Physical Education

Title: PE/Health 7th
Unit Credit: 0
Grade Level: 7

Course Number: 2460A100

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
Unit Credit: 0
Grade Level: 8

Course Number: 2460A200

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
Unit Credit: 0
Grade Level: 7

Course Number: 27800000

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 Design & Modeling
Unit Credit: 0
Grade Level: 8

Course Number: 27801000

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: GTT7 Energy and the Environment
Unit Credit: 0
Grade Level: 7 - 8

Course Number: 27830000

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 Science of Technology

Course Number: 27860000

Unit Credit: 0

Grade Level: 7

Science impacts the technology of yesterday, today, and the future. In this unit, students apply the concepts of physics, chemistry, and nanotechnology to activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nano-materials.

Title: GTT8 Science of Technology

Course Number: 27861000

Unit Credit: 0

Grade Level: 8

Science impacts the technology of yesterday, today, and the future. In this unit, students apply the concepts of physics, chemistry, and nanotechnology to activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nano-materials.

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: AgEducation7

Course Number: 28562500

Unit Credit: 0

Grade Level: 7

This course is designed to assist students in exploring science as it relates to agriculture. Through well planned instructional activities, students have the opportunity to develop an understanding of human relations, communication, the importance of agriculture to the economy, and key scientific terms related to the field of agriculture concepts. PREREQUISITE: None

Title: AgEducation8

Course Number: 28564500

Unit Credit: 0

Grade Level: 8

This course is designed to assist students in exploring science as it relates to agriculture. Through well planned instructional activities, students have the opportunity to develop an understanding of human relations, communication, the importance of agriculture to the economy, and key scientific terms related to the field of agriculture concepts. PREREQUISITE: None

Miscellaneous

Title: Life Fitness 7th
Unit Credit: 0
Grade Level: 7

Course Number: 24991500

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: Life Fitness 8th
Unit Credit: 0
Grade Level: 8

Course Number: 24993700

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: Research Skills 7th
Unit Credit: 0
Grade Level: 7

Course Number: 27991500

This course provides students with training in the methodology and techniques of primary and secondary research in both print and non-print media, including electronic. PREREQUISITE: None

Title: Study Topics 7th
Unit Credit: 0
Grade Level: 7

Course Number: 27991600

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
Unit Credit: 0
Grade Level: 7

Course Number: 27991900

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: Research Skills 8th
Unit Credit: 0
Grade Level: 8

Course Number: 27993800

This course provides students with training in the methodology and techniques of primary and secondary research in both print and non-print media, including electronic. PREREQUISITE: None

Title: Study Topics 8th
Unit Credit: 0
Grade Level: 8

Course Number: 27994000

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
Unit Credit: 0
Grade Level: 8

Course Number: 27994400

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

