



HUGHES ACADEMY OF SCIENCE & TECHNOLOGY

Embracing the 3R's of the 21st Century: Rigor • Relevance • Relationships

Table of Contents

Page 1	Planning Your Education - Grades 7/8 Online Registration Promotion Criteria
Page 2	IGPs, Career Clusters and Personal Pathways to Success
Page 3	School Information
Page 7	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. Schools will post the courses that they will be offering the next school year in a course curriculum guide which will be located on the school's website. 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 through Eight (GCS IHE / Rule 9/11/2006)

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 70% 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 as stated in the Master Catalog of Middle School Courses which is located in the Important Items section of the Infoweb.

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 five schools of study. These five schools of study include School of Arts, Media, & Communication; School of Business, Marketing & Information Systems; School of Engineering, Manufacturing & Environmental Sciences; School of Health Science; and School of Public and Human Services. 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.** 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. It is just as important for a student to learn what he doesn't like as it is for him to learn what he does like. Just remember: This is a road map to the future.

The following link provides more information on Personal Pathways to Success: <http://www.greenville.k12.sc.us/district/schools/eeda/index.asp>

IMPORTANT DATES:

- * **CURRICULUM NIGHT -- February 7, 2012 from 5:30 - 6:30 p.m. in Hughes Academy Cafeteria**
- * **STUDENT REGISTRATION OPENS -- February 13 - 16.**

HUGHES ACADEMY CONDENSED HANDBOOK Academic Levels

Your child's current teachers select the academic level in which your student will be placed. Several factors are considered when making this decision such as current progress, test scores, and grades. If you feel that your child has been inappropriately placed, please contact his/her current teacher or guidance counselor.

Challenge/Gifted and Talented Criteria

The School District of Greenville County provides programs for Gifted and Talented Students to challenge them with rigorous, complex class work and research. Gifted students may demonstrate high performance ability or potential in academic areas. Administrators, parents, teachers, and students may make referrals for students to be screened.

However, students must meet the state criteria before being placed in the Challenge program. Identification in academic areas will be made using multiple criteria. Students who meet the criteria in two of the three dimensions are eligible for placement. All students currently in the program will continue to be served.

Students may qualify automatically with an extremely high aptitude or IQ score at 96th percentile or higher for their age group. If students do not qualify solely on aptitude, this process will be used for screening:

In Dimension A - Reasoning Abilities -- Students must demonstrate high aptitude (93rd national age percentile or above) in one or more of these areas: verbal, nonverbal, quantitative and/or a composite of the three.

In Dimension B - Academic Achievement-- Students must demonstrate high achievement (94th national percentile and above or advanced status) in reading and/or math as measured by a nationally normed or South Carolina statewide assessment instruments.

In Dimension C - Intellectual/Academic Performance--Students must demonstrate a high degree of interest in and commitment to academic and/or intellectual pursuits, or demonstrate intellectual characteristics such as curiosity/inquiry, reflection, persistence/tenacity in the face of challenge and creative, productive thinking. Rising third, fourth, fifth, and sixth grade students may be eligible to take the Performance Task Test in March if they have already met the criteria in Dimension A or Dimension B. Beginning with grade 7, students must have a 3.75 GPA on a 4.0 scale to meet the criteria in Dimension C.

Students must meet the criteria in two of these three dimensions to participate in the Gifted and Talented Program. Results of private testing will not be accepted for placing students in the Challenge program.

Contact Program Coordinator: Jane Snyder
Secretary: Amy Aiken
Address: Gifted and Talented Programs
c/o Hollis Academy
200 Goodrich Street
Greenville, SC 29611

Phone: (864) 355-4820 or (864) 355-4821
Fax: (864) 355-4884

Challenge -- Applies only to English/Language Arts classes. Must meet state and district qualifications (96th percentile on aptitude test or combination of aptitude and achievement).

District Advanced -- Applies to English/Language Arts and Math classes. Must meet district qualifications outlined below:

English/Language Art Studies (Advanced) Must meet two of the following:

1. PASS score of MET in Reading in 5th or 6th grade
2. Fall MAP RIT score Reading of >215 in 6th grade or >218 in 7th grade
3. Teacher Recommendation

Math 7/8 (Adv)

1. Successful completion of Math 6/7
2. Teacher Recommendation

Algebra 1 High School Credit (for 7th or 8th): Defined by Student Placement Criteria which involves the following:

1. PASS scores
2. Grade in previous and current year math class
3. MAP score
4. Teacher recommendation

GEOMETRY 1 High School Credit (8th only)

1. Successful completion of Algebra 1

Teams

A team is a group of teachers who work together. Teams are composed of teachers who specialize in different areas. Generally, there will be one teacher from each of the following fields: Science, Social Studies, Math, and Language Arts/Literature. Each student is randomly placed in a team. Placement does not depend on ability level or performance. Teaming helps form a cohesive bond between students and teachers. During the year, your child's team will discuss his/her progress and implement a variety of strategies to ensure success. The team is also readily available to discuss issues as they arise.

High School Credit

We have seven high school credit courses offered at Hughes Academy. These courses are available to our students who excel in math and Language Arts beginning

in the seventh grade for Algebra I Honors, Spanish Immersion Transition I and Keyboarding. Eighth grade students can register for Algebra I Honors, Geometry Honors, Spanish I CP, English I Honors, Spanish Immersion Transition II and Keyboarding. Please see your student's teacher or guidance counselor if you have questions about qualifying for these courses.

Culture and Clubs

Explorers – 8th grade – Sponsor: Anne Hyde

Aquanauts – 7th grade – Sponsor: Amy Carabetta

Voyagers – 6th grade – Sponsor: Salisha Dendy-Jones

The Explorer's Club is an 8th grade club for students who are interested in science and in receiving extra hands-on information. The club was established in 1995 under the leadership of Anne Hyde for students with high academic and behavioral standards. In 2000, the club was divided into three grade levels to be able to accommodate all interested students. The club conducts seminars, meetings, fundraisers, and sponsors guest speakers for its members. During the year each group takes a field trip. The Voyagers go on a three day trip to Space Camp in Huntsville, Alabama. The Aquanauts go to Florida to visit Sea World and swim with the manatees, while the Explorers take the largest trip of all. They study physics at Disney World, tour the Florida Everglades on Swamp buggies, snorkel in the coral reefs, and spend the day at Universal Studios. Partial scholarships are available to qualifying students to offset the cost. Membership is by invitation only. Invitations are sent out in August of the school year.

United Nations – 6th and 7th grade – Sponsor: Tiffany Dixon and Sarah Raven

A year-round after school project culminating in a two-day field trip where students create a Model United Nations. Students work in groups to study a specific country, which they represent at the conference. Students write and debate proposals, create a display booth from their country, and dress in native attire.

Beta Club – 8th grade – Sponsors: Sharon Merck and Dr. Sharon Knight

7th grade - Sponsor: Cindi Armistead, Ann Marie Armstrong and Dr. Sharon Knight

Current seventh and eighth graders who have maintained a 3.0 grade point average, without making a "C" in any core class for their sixth and seventh grade years, qualify for the Beta Club.

Robotics Club - 6th - 8th grade - Sponsor: Brad Fisher

The club meets during SSR three days a week. Students learn how to build a robot to complete a specific goal. Selected students attend a competition in spring semester.

Honor Roll Activities - Contacts: Ann Marie Armstrong and Dr. Sharon Knight

All students who maintain an A or A-B average will be invited to attend Honor roll activities each reporting period.

B.U.G. Club - 6th – 8th grade – Contacts: Ann Marie Armstrong and Dr. Sharon Knight

Second, Third, and Fourth Quarter grades will be examined to see if students qualify for this club. A student must have increased a letter grade in ONE class while not decreasing in any other class. Year long and semester classes will be examined to determine eligibility. Quarter long classes are NOT included.

Student of the Month -- Contacts: Ann Marie Armstrong and Dr. Sharon Knight

Each month every grade level team will choose four students from the team that have displayed outstanding character and achievement. We hold a luncheon for these students where Skins! Hot Dogs on Mills Avenue graciously donates their meal. Their pictures are taken and displayed on a prominent bulletin board for the entire month and a certificate is given to them to recognize their accomplishment. Students are selected based on demonstrating positive character traits and academic improvement.

Dances

Fall Dance

Winter Wonderland Dance

Spring Dance

Sports

Basketball – Girls and Boys

Softball/Baseball – Girls and Boys

Volleyball – Girls

Soccer -- Girls and Boys

Cheerleading -- Girls

Student Government – Sponsors: Carpee Hall

Positions are held by all grade levels and students are elected by their peers.

FREQUENTLY ASKED QUESTIONS

How do students qualify for the Beta Club?

Seventh Grade – Students who have maintained an A or B in all of their 5th and 6th grade courses will be invited to join the Beta Club. Contact person: Cindi Armistead, Ann Marie Armstrong, and Dr. Sharon Knight

Eighth Grade – Students who have maintained an A or B in all of their 6th and 7th grade courses will be invited to join the Beta Club. Contact persons: Sharon Merck and Dr. Sharon Knight

How does my child get placed in related arts classes?

Each student fills out a registration form to select his/her desired courses. These selections are keyed into the computer and the computer tries to accommodate every request. Once a course is filled, it will not honor any more requests for that course.

What courses are available for high school credit?

English I Honors, Spanish I CP, Spanish Immersion I & II, Geometry Honors, and Algebra I Honors are high school credit courses offered to Eighth grade students who have maintained an A – B average. Seventh grade students who qualify are offered Algebra I Honors and Spanish Immersion I. Seventh and Eighth grade students who successfully complete Keyboarding can earn 1/2 Unit credit.

Does the school have a fax number?

Yes, we do have a fax number, but before you send a fax we ask that the person receiving it be notified. The school number is 355-6200. The school fax number is 355-6275.

How do I schedule a conference with my child's teachers?

You can call, send a note or email your child's homeroom teacher to request a conference. Please make sure to include a phone number where you can be reached during and after school hours. Teachers will make every effort possible to return your call within twenty-four hours and schedule a conference.

What is a planner and why do I need one?

A planner is a notebook containing important information for all Hughes students and parents. It lists rules and policies that must be adhered to. It also contains a calendar with space provided to write down assignments from each class. This provides a two-way system of communication from school to home and back again. All students should have one. If lost, please purchase another one as soon as possible.

Can anyone play sports?

No. Only seventh and eighth grade students who maintain a "C" average or better in all six classes and who were promoted (not placed) to the next grade are eligible to play sports.

Does my keyboarding class count toward my high school credits?

Yes. The 1/2 computer unit for the keyboarding class will count for high school credit. By passing the proficiency exam, this will enable the student to take higher level computer courses that require keyboarding as a prerequisite. All students must pass one computer unit before graduating.

Contact person: Jeff McCoy

How do I know what events are going on at Hughes?

The PTA publishes and mails a newsletter listing all the upcoming events approximately every six weeks. You can sign up for E-News by giving your email address to the PTA and you will receive up to the minute emails from Hughes. The school's website will also post daily announcements by 10:00 a.m. each day. www.greenville.k12.sc.us/hughes.

Will I get to use a locker?

Lockers and combination locks are provided to students in all grade levels. If the lock is lost, a replacement must be purchased through the school. Students can bring their own dial lock but must provide the combination to their homeroom teacher. Locks are issued through your homeroom.

Do I have to purchase a gym uniform, or can I wear my own shorts?

Students do not have to purchase a uniform from the school, but shorts must meet dress code standards. If you choose not to purchase a uniform, a gray shirt and red shorts must be worn. The physical education instructor will have a list of acceptable substitutions.

Contact person: Coach Campbell and Coach Farmer

Seventh Grade Course Registration
 Related Arts
 2011-2012

Please select classes which will total to 8. Add this Column.

- Band 7 YR(4) ____
- Strings 7 YR(4) ____
- Spanish Immersion YR(4) ____
- PE/Health SX(2) ____
- Spanish Exploratory 7 SX(2) ____
- Computer Tech 7 SX(2) ____
- Art7-1 SX(2) ____
- Broadcast Journalism** SX(2) ____
- Keyboarding SX(2) ____
- GTT7 SX(2) ____
- Web Publishing SX(2) ____
- Math Counts*** SX(2) ____
- Band 678 (Drumline) SX(2) ____

**Must have two teacher recommendations and complete a packet. See teacher.

***Algebra I students only.

The following classes are paired with each other. If you sign up for one, you will be automatically placed in the other one. **Each pair is equal to 2.**

- Book Club and Study Topics (Infectious Diseases) ____
- Research 7 (Comic Strips) and Study Topics (Dirty, Nasty Chemistry) ____
- Skill Building 7 (Thinking Outside the Box) and Exploratory 7 (Crossing the Cultural Divide) ____
- Journalism 7 and Study Topics (Forensics) ____
- Speech and Debate and Service Learning (Model UN) ____

Total: _____

Please list three alternatives in case your above choices are full.

Eighth Grade Course Registration

Related Arts
 2012-2013

Please select classes which will total to 8. Add this column.

- Band YR(4) ____
- Strings YR(4) ____
- Spanish Immersion YR(4) ____
- Spanish I CP YR(4) ____
- PE/Health SX(2) ____
- Computer Tech 8 SX (2) ____
- Yearbook** SX(2) ____
- Art 8-1 SX(2) ____
- Desktop Publishing SX(2) ____
- Keyboarding SX(2) ____
- GTT 8 SX (2) ____
- Math Counts* SX(2) ____
- Electronic Music SX(2) ____
- Band 678 (Drumline) SX(2) ____

*Geometry Students only!

**Teacher Recommendation required. See teacher for a recommendation form.

The following classes are paired with each other. If you sign up for one, you must sign up for the other one. **Each pair is equal to 2.**

- Exploratory 8 and Study Topics (Diamond in the Rough) ____
- Home Arts 8 and Study Topics (Science Fiction) ____
- Journalism 8 and Communication (Calligraphy) ____
- Service Learning and Study Topics (Building Big) ____

Total: _____

Please list three alternatives in case your above choices are full.

Course Descriptions

English

Title: English Strategies 7 **Course Number:** 20013000
Unit Credit: 0.00 **Duration:**
Grade Level: 7 **Short Title:**
Prerequisite:
Students should meet one or more of the following criteria: Teacher recommendation; PASS score of Not Met in 5th grade; 6th grade MAP RIT scores of <217
This course is designed to meet the needs of students needing additional support in reading and language arts. Instruction will continue to reinforce foundational skills in reading and provide ample scaffolding for those students whose reading skills are still developing. Writing instruction, vocabulary development, and research skills will be taught in conjunction with the literature studied.

Title: English Studies 7 **Course Number:** 20013100
Unit Credit: 0.00 **Duration:**
Grade Level: 7 **Short Title:**
Prerequisite:
Students should meet one or more of the following criteria: Teacher recommendation; PASS score of Met in 5th grade; 6th grade MAP RIT scores of 217 - 240
This course is designed to meet the needs of those students whose reading and language arts skills are sufficient to allow them to read more difficult texts, analyze what they have read more deeply, and respond without difficulty to the text in writing. The students in this course do not require foundational instruction in reading strategies; however, they will continue to receive instruction in more sophisticated reading practices that prepare the student for literary analysis. All writing instruction, vocabulary development, and research opportunities will be in response to a text read. Students can expect instruction to move at an accelerated pace.

Title: English GT 7 **Course Number:** 20013200
Unit Credit: 0.00 **Duration:**
Grade Level: 7 **Short Title:**
Prerequisite: Identified as GTA (Gifted and Talented Academic) and a MAP RIT score >240
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.

Title: English Strategies 8 **Course Number:** 20013700
Unit Credit: 0.00 **Duration:**
Grade Level: 8 **Short Title:**
Prerequisite:
Students should meet one or more of the following criteria: Teacher recommendation; PASS score of Not Met in 6th grade; 7th grade MAP RIT scores of <220
This course is designed to meet the needs of students needing additional support in reading and language arts. Instruction will continue to reinforce foundational skills in reading and provide ample scaffolding for those students whose reading skills are still developing. Writing instruction, vocabulary development, and research skills will be taught in conjunction with the literature studied.

Title: English Studies 8 **Course Number:** 20013800
Unit Credit: 0.00 **Duration:**
Grade Level: 8 **Short Title:**
Prerequisite:
Students should meet one or more of the following criteria: Teacher recommendation; PASS score of Met in 6th grade; 7th grade MAP RIT scores of 220 - 244
This course is designed to meet the needs of those students whose reading and language arts skills are sufficient to allow them to read more difficult texts, analyze what they have read more deeply, and respond without difficulty to the text in writing. The students in this course do not require foundational instruction in reading strategies; however, they will continue to receive instruction in more sophisticated reading practices that prepare the student for literary analysis. All writing instruction, vocabulary development, and research opportunities will be in response to a text read. Students can expect instruction to move at an accelerated pace.

Title: English GT 8 **Course Number:** 20013900
Unit Credit: 0.00 **Duration:**
Grade Level: 8 **Short Title:**
Prerequisite: Identified as GTA (Gifted and Talented Academic) and a MAP RIT score >244
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.

Title: Eng 1H:Genre Analysis	Course Number: 301116HW
Unit Credit: 1.00	Duration:
Grade Level: 8	Short Title:
Prerequisite: Students identified as GTA automatically qualify. Students who are not identified as GTA must meet the following five criteria: PASS scores of Exemplary in 6th grade or 7th grade; MAP RIT score of 240 or above in Reading; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation	
This is an honors-level high school course for academically gifted eighth grade students who have the ability to pursue an accelerated English program. These students are taking a high school level course in preparation for Advanced Placement English (college level courses) in their junior and senior years; therefore, the coursework will reflect more rigor than other middle school English courses. Literary study includes all genres, and students will be required to read extensively from texts with a wide range of complexity. Students in English 1 Honors will be expected to exhibit critical thinking skills when analyzing what they have read. Nonfiction readings will include literary criticism as well as political essays, memoirs, and historical texts. Composition skills of those entering the course must exceed mere proficiency and should exhibit the student's understanding of voice, style, and purpose. Grammar and usage skills will be reviewed through mini-lessons preceding each writing assessment. Students should expect major essay assignments on a frequent basis and for writing skills to constitute a large percentage of the final grade. The rigor of this course will fully prepare students for the EOC testing in English 1 and all future Honors or AP English courses. Note: This course earns high school credit and carries Honors GPA weighting.	
Title: Communication	Course Number: 20990200
Unit Credit: 0.00	Duration:
Grade Level: 6-8	Short Title:
Prerequisite: None	
This course is for students who are interested in improving their interpersonal communication skills. The course includes instruction in one-on-one communication and group discussion.	
Title: Journalism 7	Course Number: 20991600
Unit Credit: 0.00	Duration:
Grade Level: 7	Short Title:
Prerequisite: Teacher Recommendation	
In this class, students plan, write, and publish the student newspaper. Students understand, practice, and learn strategies necessary to generate ideas, report, and write stories. They conduct research, interview, prioritize information, and master editing and proofreading skills. In addition, students analyze the journalism Code of Ethics and identify common photojournalism practices.	
Title: Broadcast Journ 7	Course Number: 20991800
Unit Credit: 0.00	Duration:
Grade Level: 7	Short Title:
Prerequisite: Teacher Recommendation	
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.	
Title: Book Club 7	Course Number: 20991900
Unit Credit: 0.00	Duration:
Grade Level: 7	Short Title:
Prerequisite: None	
This course provides the student with opportunities to read and analyze selected standards-based literature in an informal and friendly atmosphere. Students will be expected to participate in lively discussions, oral book reviews, and novel projects.	
Title: Speech And Debate 7	Course Number: 20992000
Unit Credit: 0.00	Duration:
Grade Level: 7	Short Title:
Prerequisite: None	
This course is for students who wish to learn more about the art of public speaking. The course includes instruction in the fundamentals of speech composition and delivery, original oratory, and debate and parliamentary procedure. In addition, this course includes an introduction to forensic (speech & debate) competition with an overview of selected forensic events.	
Title: Journalism 8	Course Number: 20994000
Unit Credit: 0.00	Duration:
Grade Level: 8	Short Title:
Prerequisite: Teacher Recommendation	
In this class, students plan, write, and publish the student newspaper. Students understand, practice, and learn strategies necessary to generate ideas, report, and write stories. They conduct research, interview, prioritize information, and master editing and proofreading skills. In addition, students analyze the journalism Code of Ethics and identify common photojournalism practices.	
Title: Yearbook 8	Course Number: 20994100
Unit Credit: 0.00	Duration:
Grade Level: 8	Short Title:
Prerequisite: Teacher Recommendation and application process	
The main purpose of this class is to produce the yearbook for the school. In fulfilling this goal, many skills are introduced and/or developed. Organization, self-motivation, precise writing, and time management are major elements of this class. Computer skills, photography skills, and interpersonal skills are also key in the production of the yearbook. Students do not need to come into this class with these skills fully developed, but they do need to have the desire to develop them.	

Math

Title: Math 7

Unit Credit: 0.00

Grade Level: 7

Prerequisite: Math 6

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 process standards of problem-solving, communication, reasoning, representations, and connections.

Course Number: 21100500

Duration:

Short Title:

Title: Math 8

Unit Credit: 0.00

Grade Level: 8

Prerequisite: Math 7

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 process standards of problem-solving, communication, reasoning, representations, and connections.

Course Number: 21100700

Duration:

Short Title:

Title: Math 7/8

Unit Credit: 0.00

Grade Level: 7

Prerequisite: Must meet district criteria including Teacher recommendation

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 process standards of problem-solving, communication, reasoning, representations, and connections.

Course Number: 21102000

Duration:

Short Title:

Title: Algebra 1 H

Unit Credit: 1.00

Grade Level: 7-10

Prerequisite: Math teacher recommendation

This honors-level course will be a more extensive study of the algebraic concepts traditionally covered in Algebra 1. It is an intense program that includes all topics taught in Algebra 1 as well as additional enrichment topics. Students in this course must take a state-mandated end-of-course test as the final exam, and it will count as 20% of the final grade.

Course Number: 411103HW

Duration:

Short Title:

Title: Geometry H

Unit Credit: 1.00

Grade Level: 8-10

Prerequisite: Algebra 1 Honors or Algebra 1 CP with Math teacher recommendation

This honors-level course is for motivated mathematics students who are candidates for AP Calculus. It includes all topics taught in Geometry as well as a unit in formal logic and other enrichment topics.

Course Number: 412103HW

Duration:

Short Title:

Science

Title: Science 7

Unit Credit: 0.00

Grade Level: 7

Prerequisite: Successful completion of previous grade or science course

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.

Course Number: 22211300

Duration:

Short Title:

Title: Science 8

Unit Credit: 0.00

Grade Level: 8

Prerequisite: Successful completion of previous grade or science course

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.

Course Number: 22513500

Duration:

Short Title:

Social Studies

Title: Social Studies 7

Unit Credit: 0.00

Grade Level: 7

Prerequisite: Successful completion of previous grade or course

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.

Course Number: 23101300

Duration:

Short Title:

Title: SC/US History 8

Unit Credit: 0.00

Grade Level: 8

Prerequisite: Successful completion of previous grade or course

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.

Course Number: 23203500

Duration:

Short Title:

Arts

Title: Art 7-1

Unit Credit: 0.00

Grade Level: 7

Prerequisite: None

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.

Course Number: 25011600

Duration:

Short Title:

Title: Art 8-1

Unit Credit: 0.00

Grade Level: 8

Prerequisite: None

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.

Course Number: 25014100

Duration:

Short Title:

Title: Band 7

Unit Credit: 0.00

Grade Level: 7

Prerequisite: Band 6 or permission of instructor

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.

Course Number: 25311300

Duration:

Short Title:

Title: Band 8

Unit Credit: 0.00

Grade Level: 8

Prerequisite: Band 7 or permission of instructor

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.

Course Number: 25313500

Duration:

Short Title:

Title: BegBand78Comb

Unit Credit: 0.00

Grade Level: 7-8

Prerequisite: None

Beginning Band Combination 7/8 is a course for middle school students who have an interest in music and want to play an instrument. Techniques for playing an instrument and reading music are taught; practice is required and outside performances may be expected.

Course Number: 25314400

Duration:

Short Title:

Title: Strings 7 **Course Number:** 25511300
Unit Credit: 0.00 **Duration:**
Grade Level: 7 **Short Title:**
Prerequisite: Strings 6 or permission of instructor
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.

Title: Strings 8 **Course Number:** 25513500
Unit Credit: 0.00 **Duration:**
Grade Level: 8 **Short Title:**
Prerequisite: Strings 7 or permission of instructor
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.

Title: Electronic Music **Course Number:** 25999600
Unit Credit: 0.00 **Duration:**
Grade Level: 6-8 **Short Title:**
Prerequisite: None
This semester class will focus on using digital audio workstations (DAWs), along with virtual instruments and effects, for producing music and designing sounds to be used in various applications. There will be heavy focus on production techniques using pre-made instrument samples and arrangements or using the student's own compositions. The class will use computer-based automation software equipped with midi controllers for real-time interactivity and external controlling of production parameters. Students will get a feel for what it would be like to produce music, score film, compose with computers, and work in sound design.

Foreign Language

Title: Spanish 7 Beginner Level **Course Number:** 26501300
Unit Credit: 0.00 **Duration:**
Grade Level: 7 **Short Title:**
Prerequisite: None
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.

Title: Spanish 8 Beginner Level **Course Number:** 26503500
Unit Credit: 0.00 **Duration:**
Grade Level: 8 **Short Title:**
Prerequisite: None
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.

Title: Span Immersion 7 **Course Number:** 365102CW
Unit Credit: 1.00 **Duration:**
Grade Level: 7 **Short Title:**
Prerequisite: Completion of Spanish Immersion Transition 6, advanced or native speaker proficiency
This is a continuation course designed for students who have completed Spanish Immersion Transition 6 or are advanced speakers of the target language. Students will be transitioned from content-based instruction to sequential foreign language study. This course will provide content-embedded instruction through big interdisciplinary units so that students will develop vocabulary in a broad range of subjects and themes. Students will also develop the language-specific skills that they will need to handle more advanced coursework. Students in this course will earn a foreign language unit toward high school credit. This course will be interdisciplinary in nature and will be taught entirely in the target language.

Title: Spanish 1 CP **Course Number:** 365107CW
Unit Credit: 1.00 **Duration:**
Grade Level: 8-10 **Short Title:**
Prerequisite: None
This course focuses on meaningful communication and language as it is used in real-world situations that students are most likely to encounter. Students will first begin to develop aural and oral skills, then read and write what they can say—familiar words, commands, phrases, short sentences, and basic questions. They will learn to use predictable language in familiar settings. They will begin to develop cultural awareness and the ability to recognize the products, practices, and perspectives of the culture they study. Students will also develop insights into their own language through linguistic and cultural comparisons with the foreign language and culture they study and use the language to expand their knowledge in all content areas.

Title: Span Immersion 8

Unit Credit: 1.00

Grade Level: 8

Prerequisite: Completion of Spanish Immersion Transition 7, advanced or native speaker proficiency

This is a continuation course designed for students who have completed Spanish Immersion Transition 7 or are advanced speakers of the target language. Students will be transitioned from content-based instruction to sequential foreign language study. This course will provide content-embedded instruction through big interdisciplinary units so that students will develop vocabulary in a broad range of subjects and themes. Students will also develop the language-specific skills that they will need to handle more advanced coursework. Students in this course will earn a foreign language unit toward high school credit. This course will be interdisciplinary in nature and will be taught entirely in the target language.

Course Number: 365203CW

Duration:

Short Title:

Physical Education

Title: PE / Health 7

Unit Credit: 0.00

Grade Level: 7

Prerequisite: None

Enrollment in this course fulfills the regulation that all students will complete one quarter of physical education each year in grades 6 – 8 and all students will complete one quarter of health each year in grades 6 - 8. The content of the course will consist of both health and PE standards-based instruction.

Course Number: 24403700

Duration:

Short Title:

Title: PE / Health 8

Unit Credit: 0.00

Grade Level: 8

Prerequisite: None

Enrollment in this course fulfills the regulation that all students will complete one quarter of physical education each year in grades 6 – 8 and all students will complete one quarter of health each year in grades 6 - 8. The content of the course will consist of both health and PE standards-based instruction.

Course Number: 24403900

Duration:

Short Title:

Career and Tech

Title: GTT7DesignModel

Unit Credit: 0.00

Grade Level: 7

Prerequisite: Teacher Recommendation

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.

Course Number: 28411300

Duration:

Short Title:

Title: GTT8AutoRobotics

Unit Credit: 0.00

Grade Level: 8

Prerequisite: Teacher Recommendation

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.

Course Number: 28413500

Duration:

Short Title:

Title: Keyboarding

Unit Credit: 0.50

Grade Level: 7-12

Prerequisite: None

This course is designed to provide an opportunity for students to master the skill of entering alphabetic, numeric, and symbolic information on a keyboard and a ten-key pad using the touch method of keystroking. Emphasis is placed on development of accuracy and speed, proper techniques, and correct fingering. Formatting of basic documents will be introduced.

Course Number: 510002CH

Duration:

Short Title:

Miscellaneous

Title: Math Counts 7

Unit Credit: 0.00

Grade Level: 7

Prerequisite: None

Math Counts is a coaching and competition program for 6th, 7th, and 8th graders nationwide. Students who have a strong interest in mathematics can select this class to explore mathematics beyond what is typically taught in middle school classrooms. Participating schools will select individuals or teams to compete in written and oral competitions at the regional level in February. Top teams and individuals at the regional level will advance to the state competition in March. State level winners will then advance to the national competition.

Course Number: 21991300

Duration:

Short Title:

Title: Math Counts 8 Unit Credit: 0.00 Grade Level: 8 Prerequisite: None Math Counts is a coaching and competition program for 6th, 7th, and 8th graders nationwide. Students who have a strong interest in mathematics can select this class to explore mathematics beyond what is typically taught in middle school classrooms. Participating schools will select individuals or teams to compete in written and oral competitions at the regional level in February. Top teams and individuals at the regional level will advance to the state competition in March. State level winners will then advance to the national competition.	Course Number: 21993500 Duration: Short Title:
Title: Computer Tech 7 Unit Credit: 0.00 Grade Level: 7 Prerequisite: Keyboarding This course provides the student an opportunity to work with word processing, spreadsheets, and PowerPoint presentations.	Course Number: 27011300 Duration: Short Title:
Title: Computer Tech 8 Unit Credit: 0.00 Grade Level: 8 Prerequisite: Keyboarding This course provides the student an opportunity to work with word processing, spreadsheets, and PowerPoint presentations.	Course Number: 27013500 Duration: Short Title:
Title: Desktop Publishing - MS Unit Credit: 0.00 Grade Level: 6-8 Prerequisite: None This course gives students experience with graphics software for the purpose of producing desktop-published camera/copy ready masters for reproduction using accepted journalism and presentation techniques.	Course Number: 27018700 Duration: Short Title:
Title: Exploratory 7 Unit Credit: 0.00 Grade Level: 7 Prerequisite: None 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.	Course Number: 27019200 Duration: Short Title:
Title: Exploratory 8 Unit Credit: 0.00 Grade Level: 8 Prerequisite: None 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.	Course Number: 27019500 Duration: Short Title:
Title: Research Skills 7 Unit Credit: 0.00 Grade Level: 7 Prerequisite: None 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.	Course Number: 27991500 Duration: Short Title:
Title: Study Topics 7 Unit Credit: 0.00 Grade Level: 7 Prerequisite: None 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.	Course Number: 27991600 Duration: Short Title:
Title: Skill Building 7 Unit Credit: 0.00 Grade Level: 7 Prerequisite: None 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.	Course Number: 27991700 Duration: Short Title:
Title: Service Learning Unit Credit: 0.00 Grade Level: 6-8 Prerequisite: None Service Learning is designed for participants to learn and develop through active participation in thoughtfully organized service experiences that meet community needs through a collaboration between the school and community. It provides students with opportunities to use newly acquired skills and knowledge in real-life situations in their own communities. The course emphasizes essential life skills such as effective communication, problem solving, goal setting, and teamwork. Students will address real-life problems and make meaningful contributions to the school and community. The	Course Number: 27993900 Duration: Short Title:

emphasis will be on planning, serving, and evaluating.

Title: Study Topics 8
Unit Credit: 0.00
Grade Level: 8
Prerequisite: None

Course Number: 27994000
Duration:
Short Title:

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.

Title: Skill Building 8
Unit Credit: 0.00
Grade Level: 8
Prerequisite: None

Course Number: 27994100
Duration:
Short Title:

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.

Title: Character Ed 8
Unit Credit: 0.00
Grade Level: 8
Prerequisite: None

Course Number: 27994200
Duration:
Short Title:

Character Education is a related arts class where students participate in activity based on universal virtues such as, integrity, cooperation, respect, and responsibility in order to make healthy and caring decisions and to develop self discipline that leads to a lifetime of success in all areas of life.

Title: Home Arts 8
Unit Credit: 0.00
Grade Level: 8
Prerequisite: None

Course Number: 27997500
Duration:
Short Title:

This is an activity-oriented, hands-on class that introduces basic sewing and cooking skills as well as other home arts to the middle school student.

Title: Web Publishing
Unit Credit: 0.00
Grade Level: 7-8
Prerequisite: None

Course Number: 27999300
Duration:
Short Title:

Students design and publish web content using html skills and WYSIWYG editors such as Microsoft Frontpage.

English Speakers of Other Languages (ESOL)

Title: ESOL 7
Unit Credit: 0.00
Grade Level: 7
Prerequisite: Guidance Placement

Course Number: 27991900
Duration:
Short Title:

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.

Title: ESOL 8
Unit Credit: 0.00
Grade Level: 8
Prerequisite: Guidance Placement

Course Number: 27994400
Duration:
Short Title:

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.