

YOUR GUIDE TO MIDDLE SCHOOL

Registration 2021 - 22



Middle School is an exciting time for students and families. “In the Middle” gives students an opportunity to grow academically as well as socially and emotionally. With a host of options to meet the various needs of students, we look forward to your being a part of middle schools for the next three years. In addition to the North Carolina Standard Course of Study, students will have an opportunity to participate in various activities designed to positively impact the middle school experience.

The North Carolina Standard Course of Study standards describe what students will be learning in language arts, math, science, and social studies. Each year, students will learn new and more rigorous content. By high school graduation, the goal is that each student will be college and career ready.

The online registration process for rising 7th and 8th graders will continue. School Counselors will work with students and families through this process. We believe the electronic format to be an effective way to complete registration.

“In the Middle”, there are several guiding principles:

- Provide a rigorous and challenging curriculum for all students
- Ensure safe and supportive school environments for all students and staff
- Provide training for educators committed to middle level education
- Offer an opportunity for every child to have a caring relationship with an adult

- Promote effective and cooperative parent-school communication

Parents can choose from a variety of schools in the Middle School Division. There are 18 middle schools, two alternative schools, and one school for students with disabilities.

Currently, most middle schools have daily schedules from 7:25 a.m. to 2 p.m., with seven exceptions. Lowrance, Paisley, and Wiley operates from 7:55 a.m. to 2:40 p.m.; Hanes operates from 7:40 a.m. to 2:10 p.m.; Winston-Salem Preparatory Academy operates from 8:10 a.m. to 3:05 p.m.; the Downtown School operates from 8:15 a.m. until 2:45 p.m.; and John F. Kennedy operates from 7:55 a.m. to 3:40 p.m. These schedules are subject to change .

Administrators and teachers work diligently to provide a high quality education for all students. The courses described in this guide show resources that are dedicated to helping students succeed during their middle school years. Pay close attention to the course descriptions to help make informed decisions about your child’s course selections.

The Balanced Encore program continues full implementation in sixth grade at all middle schools for 2021-22. See page 6 for additional information.

The Instructional Superintendents look forward to working with you during the registration process and throughout the year.

If at any time you have registration or general concerns, please feel free to contact us. Our doors are always open if we can be of assistance.

Donna Cannon, Felicia Davis, Rusty Hall,
Dr. Lionel Kato, Dr. Karen Roseboro
Area Superintendents

Required Courses

All middle school students are required to take four core courses: language arts, math, social studies and science.

Students also are required to take four encore courses, but they have several options when choosing their classes.

In each grade, you must take physical education and health as one of your encore courses, in addition to your core courses.

Check your registration card and the specific instructions for your school.

English-Language Arts

ELA 6

Explore language arts through critical reading, author's craft and textual analysis. Emphasis is placed on sequence and concrete application of literary elements. Writing emphasis is placed on personal expression. Speaking and listening skills are integrated in all aspects of instruction, and technology is utilized to support overall learning.

ELA 6 AG

Explore language arts through critical reading, author's craft, and textual analysis. Emphasis is placed

on making connections and structural elements. Writing emphasis is placed on personal expression. Speaking and listening skills are integrated in all aspects of instruction, and technology is utilized to support overall learning.

ELA 7

Explore language arts through critical reading, author's craft, and textual analysis. Emphasis is placed on making abstract connections and structural elements. Writing emphasis is placed on argument development. Speaking and listening skills are integrated in all aspects of instruction, and technology is utilized to support overall learning.

ELA 7 AG

Explore language arts through critical reading, author's craft, and textual analysis. Emphasis is placed on word choice and indirect characterization. Writing emphasis is placed on argument development. Speaking and listening skills are integrated in all aspects of instruction, and technology is utilized to support overall learning.

ELA 8

Explore language arts through critical reading, author's craft, and textual analysis. Emphasis is placed on word choice, indirect characterization, and multiple perspectives. Writing emphasis is placed on research writing. Speaking and listening skills are integrated in all aspects of instruction, and technology is utilized to support overall learning.

ELA 8 AG

Explore language arts through critical reading, author's craft, and textual analysis. Emphasis is placed on author's craft and complex characterization. Writing emphasis is placed on research writing. Speaking and listening skills are integrated in all aspects of instruction, and technology is utilized to support overall learning.

Social Studies

Social Studies 6

Sixth-graders study the history, geography, economics, politics and culture of civilizations and societies from the beginning of human existence to 1450.

Social Studies 7

Seventh-graders study the history, geography, economics, politics and culture of civilizations and societies from the Age of Exploration to modern times.

Social Studies 8

Eighth-graders study the historical foundations and democratic principles that shape our state and nation. The course focuses on the critical events, personalities, issues and developments from the Colonial Era to contemporary times.

Mathematics

SIXTH GRADE

Math 6

This course focuses on connecting unit ratios to whole number multiplication, division, and problem solving; division of fractions and extending the notion of number to the system of rational numbers; and developing understanding of statistical thinking. Student solve relevant problems that require inquiry, collaboration, and communicating about their learning.

Accelerated Math 6/7

This accelerated course focuses on connecting unit ratios to whole number multiplication, division, and problem solving; division of fractions and extending the notion of number to the system of rational numbers; understanding of operations with rational numbers; using expressions and equations; solving problems involving informal geometric constructions and working with 2- and 3- dimensional shapes; statistical thinking; and drawing inferences about populations based on samples. Students solve relevant problems that require inquiry, collaboration, and communicating about their learning.

SEVENTH GRADE

Math 7

This course focuses on developing understanding of and applying proportional relationships; developing understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions; and drawing

inferences about populations based on samples. Students solve relevant problems that require inquiry, collaboration, and communicating about their learning.

Accelerated Math 7/8

This accelerated course focuses on understanding and applying proportional relationships; formulating and reasoning about expressions and equations; solving problems involving scale drawings and working with 2- and 3- dimensional shapes; analyzing 2- and 3- dimensional space and figures; drawing inferences about populations based on samples; and the Pythagorean Theorem. Students solve relevant problems that require inquiry, collaboration, and communicating about their learning.

EIGHTH GRADE

Math 8

This course focuses on formulating and reasoning about expressions and equations; using functions to describe quantitative relationships; analyzing 2- and 3- dimensional space and figures; and the

Pythagorean Theorem. Students solve relevant problems that require inquiry, collaboration, and communicating about their learning. Technology will be used for instruction and assessment.

NC Math 1

This high school course studies concepts of algebra, geometry, functions, number and operations, statistics and modeling. Concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data. Students solve relevant problems that require inquiry, collaboration, and communicating about their learning. Technology will be used for instruction and assessment. Prerequisite: Accelerated Math 7/8. Per Senate Bill 500 (Advanced Mathematics Legislation), students who score a level 5 on their Math 7 EOG will be enrolled in NC Math 1 in grade 8 unless parents sign an opt-out form.

Math Course Sequence

Grade 6	Grade 7	Grade 8
Math 6	Math 7	Math 8
Accelerated Math 6/7	Accelerated Math 7/8	Math 8 or NC Math 1
Accelerated Math 7/8*	NC Math 1*	NC Math 2*

*Students in the Highly Academically Gifted or International Baccalaureate programs may qualify for a sequence of Accelerated Math 7/8 in sixth grade, NC Math 1 in seventh grade, and NC Math 2 in eighth grade.

Science

Science 6

Students investigate the Earth, moon, sun, and solar system; the Earth's composition and effects on humans; the properties of waves and energy in earthquakes, light, and sound; the structure and properties of matter; structures and behaviors of plants; and the flow of energy through ecosystems.

Science 7

Students investigate organisms and their methods of survival and reproduction; the mechanisms of cellular reproduction and genetics; forms of energy, energy transfer, energy transformation and conservation; motion and the effects of forces on motion; and the Earth's atmosphere and weather.

Science 8

Students investigate disease and effects on organisms; how biotechnology affects organisms; how organisms interact with their environments; how organisms change over time; the history of Earth and life forms based on changes recorded in fossil records and landforms; the hydrosphere and effects on humans; interaction of matter in open and closed containers; and energy resources.

Encore Courses

Encore course offerings in middle schools are developed around a developmentally appropriate model for early adolescents. Encore classes are designed to offer an exploratory experience to middle school students. As middle school students explore various course offerings, they discover their talents and interests and are prepared to develop skills in those areas of interest during high school years. When appropriate (for example, at a magnet school), some courses are skill-based. Please note that encore courses listed are offered at the beginning, continuing, and advanced levels.

Visual Arts	Chorus	Band	Orchestra	World (Foreign) Languages	CTE
GRADE 6					
Beginning	Beginning	Beginning	Beginning	Beginning French, German, Latin, Spanish and Spanish Heritage	<ul style="list-style-type: none"> • Computer Skills and Applications • Exploring Career Decisions • Exploring Family and Consumer Sciences 1 • Technology Design and Innovation
GRADE 7					
Beginning Intermediate	Beginning Intermediate	Beginning Intermediate	Beginning Intermediate	Intermediate	<ul style="list-style-type: none"> • Computer Skills and Applications • Computer Science Discoveries 1 • Exploring Family and Consumer Sciences 1 or 2 • Innovation and Invention
GRADE 8					
Intermediate Advanced	Intermediate Advanced	Advanced (Daily)	Advanced (Daily)	High School Credit Exploratory World Language	<ul style="list-style-type: none"> • Computer Science Discoveries 1 or 2 • Exploring Business, Marketing and Entrepreneurship • Exploring Family and Consumer Sciences 1 or 2 • Technological Systems
* Course can only be taken once during middle school					

Arts

SIXTH GRADE

Visual Arts (Beginning)

Learn fundamental art concepts and explore a variety of art media and processes. Studio experiences include techniques such as drawing, painting, printmaking, ceramics, fine crafts and mixed media.

Band* (Beginning)

Learn to play a wind or percussion instrument. Work on tone-producing technique, listening accuracy and reading music.

Orchestra* (Beginning)

Learn to play the violin, viola, cello or string bass. Work on tone-producing technique, listening accuracy and reading music.

Chorus (Beginning)

Learn the fundamentals of music through song in this performance-based class, which culminates in concerts and musical productions.

SEVENTH & EIGHTH GRADES

Unless indicated, you can take these courses in either seventh or eighth grade, or in both. You do not have to take the seventh-grade course to take the eighth-grade course. Career Technical education courses may be taken only one time.

Band* (7th Beginning & Intermediate; 8th Intermediate-daily & Advanced-daily)

Expand your skills in playing a wind or percussion instrument. Work on tone-producing techniques, listening accuracy and reading music.

Chorus (7th Beginning & Intermediate; 8th Beginning, Intermediate & Advanced)

Learn to sing unison songs, rounds and canons in this performance-based class, which culminates in concerts and musical productions. Expand skills in singing by working on vocal techniques, listening/analyzing skills, and reading/notating rhythmic and melodic patterns.

Orchestra* (7th Beginning & Intermediate; 8th Intermediate-daily & Advanced-daily)

Expand your skills in playing violin, viola, cello or string bass. Work on tone-producing techniques, listening accuracy and reading music.

Visual Arts (7th Beginning & Intermediate; 8th Intermediate & Advanced)

Expand your skills and awareness of visual arts concepts and explore a variety of art media and processes. Studio experiences include techniques such as drawing, painting, printmaking, ceramics, fine crafts and mixed media.

** Note: Students who select band or orchestra must rent or purchase an instrument. If renting or purchasing is not possible, talk to your principal. The school may be able to provide an instrument for you to use.*

Career-Technical Education

Exploring Career Decisions (6th)

Learn about the technical nature of today's world and the role of productive workers. Increase self-awareness and make wise educational decisions as you consider careers.

Exploring Family and Consumer Sciences 1 (6th, 7th, or 8th)

Learn basic skills in everyday living including, interpersonal relationships, nutrition and wellness, care for infants, toddlers, and school-age children, as well as careers in related fields.

Computer Skills and Applications (6th or 7th)

This course provides hands-on instruction in digital literacy, keyboarding skills and word processing.

Technology Design and Innovation (6th)

This course uses engaging activities and hands-on projects to learn how technology is used, solve

problems using the design process, and then use what has been learned to solve real world challenges. Students develop skills in researching information, communicating design information, creating models, and reporting results.

Exploring Family and Consumer Sciences 2 (7th, or 8th)

Learn about personal finance and resource management, food service and hospitality, interior design, factors that influence clothing choices, and careers in related fields.

Computer Science Discoveries 1 (7th, or 8th)

Students will explore computer science as a vehicle for communication, personal expression, and problem solving.

Exploring Business, Marketing and Entrepreneurship (8th)

This course explores the nature of business in an international economy and related careers in fields such as entrepreneurship, financial services, information technology, marketing, public relations and promotion, and travel and tourism.

Innovation and Invention (7th)

This course focuses on applying the design process in the invention or innovation of a new product, process, or system. Through engaging activities and hands-on projects, students focus on understanding how criteria, constraints, and processes affect designs.

Technological Systems (8th)

This course focuses on understanding how technological systems work together to solve problems. Through the use of hands-on activities, students will discover the connections and dependence systems have on each other and have opportunities to design new or improved systems.

Computer Science Discoveries 2 (8th)

Students will discover the impact of computer science on society and how the design process produces a better application. They will explore physical computing using circuits boards and other technology tools.

World (Foreign) Language Offerings

French, German, Latin, Spanish and Spanish Heritage (6th, 7th, 8th)

The sequence of middle school World (Foreign) Language courses is designed for students with little or no elementary language learning experience. The courses focus on developing language proficiency and preparing students for continued study in high school. Students build skills in all three modes of communication: interpersonal, interpretive and presentational. Cultural knowledge and understanding is

integrated throughout the course of study. Students begin their language study in sixth grade and continue to build their skills in the subsequent courses in seventh and eighth grades.

The sixth-, seventh-, and eighth-grade courses combined are equivalent to a high school Level 1 course. Those who successfully complete the three-year sequence with a passing grade of C or higher earn credit for Level 1 of the language and can enroll in Level 2 in the ninth grade. The Level 1 credit is included on the student's high school transcript and qualifies as one of the courses needed for college admission. As students are working to earn high school credit, the middle school sequence of language courses includes rigorous, academic work.

Exploratory World Languages (8th)

In this non-sequential exploratory course, communication is emphasized through learned words and phrases, pre-reading and writing activities, connections to other subjects, awareness of other cultures, and awareness of the importance of learning another language. Students in the exploratory program may be taught in the target language or in English. Languages include French, Chinese, German, Latin, Japanese and Spanish.

*** Note: Students who successfully complete the three year language sequence earn one unit of high school credit.**

Your Schedule

In addition to your core courses, you will have two encore courses each day. Each course meets on alternate days ("A" days and "B" days) throughout the year. Eighth-grade band and orchestra meet daily. The following courses are offered at all schools during registration. Due to district class size requirements, some classes may not have the number of students needed to be offered in each school. Magnet schools may offer additional courses not listed in this brochure.

Art	Chorus	Computer Science Discoveries	Exploring Business World (Foreign) Languages
Band	Exploring Family & Consumer Sciences	Exploring Career Decisions Technology	
Orchestra			
Creative Music	Computer Skills and Applications		

These classes or programs are available at selected schools for selected students:

Study Skills may be required for students who scored at Level I or Level II in math or reading on the end-of-grade tests. These courses will focus on improving math, reading and test-taking skills.

English as a Second Language (ESL) services are available to students who are learning to speak, read or write English because it is not their primary language. Please contact the district Title III/EL Office at 336.748.4000 (ext. 6) for additional information.

Your Team

In middle school, students in each grade are grouped into teams with two or more teachers for the four core courses — language arts, math, science and social studies. Your team may adopt a name to establish its identity. Your teachers also may put you in a different group at times during the year so that you experience different learning groups and have a richer experience.

SAMPLE MIDDLE SCHOOL SCHEDULE

	Grade 6	Grade 7	Grade 8
1	Language Arts 6	Language Arts 7	Encore
2	Math 6 or Accelerated Math 6/7	Math 7 or Accelerated Math 7/8	Encore
3	Science 6	Encore A Encore B	Language Arts 8
4	Social Studies 6	Encore A Encore B	Math 8 or NC Math 1
5	Encore A Encore B	Social Studies 7	Social Studies 8
6	Encore A Encore B	Science 7	Science 8

(May vary from school to school)



Promotion and Testing

For promotion to seventh and eighth grades

For promotion from sixth, seventh and eighth grades, students must pass three of the following four core subjects each year: language arts, math, science, and social studies, and 75 percent of all other courses. A student may substitute a passing grade in the fourth core subject for an encore course, which equates to a year of instruction.

Additional information will be provided by your counseling center.

Standardized Testing

End-of-Grade Tests in Grades 6, 7 and 8

End-of-grade tests are administered during the last two weeks of school in reading, math and science (grade 8 only).

Per AR 5124: For Middle Schools, End-of-Grade (EOG) tests and grade-specific NC Final Exams for science and social studies will count for 20 percent of the student's final grade in a course unless it would reduce a student's grade in which case it will not be counted and the final grade will be determined using the existing quarter averages.

NC Math 1 End-of-Course Test

Given during the last two weeks of school. State policy requires EOCs count 20 percent of a student's final grade. Eighth grade students who are taking NC Math I are required to take the Math I EOC to be used as 20 percent of the final grade. Students must also earn at least a final course grade of C to earn high school credit. If these two requirements are not met, the student will repeat NC Math 1 in the ninth grade.

Seventh grade students who are taking NC Math 1 are required by the state to take both the NC Math 1 End-of-Course (EOC) test as well as the seventh grade EOG in math. State policy requires EOCs count 20 percent of a student's final grade. In these situations, the NC Math 1 EOC will be used as 20 percent of the final grade, and the Grade 7 Math EOG will be used as a test grade in the fourth quarter, as long as it would not lower the student's grade.

INTRAMURAL SPORTS AND EXTRACURRICULAR ACTIVITIES

Sixth, Seventh and Eighth Grades

The sixth, seventh and eighth grades, may participate in a variety of after-school intramural and extracurricular activities. These programs meet one or two days each week and include sports – basketball, soccer and bowling, for example – and clubs and activities of interest to students. You may also get tutorial or remedial help after school. You will get information on these programs throughout the year.

You may also participate in interscholastic athletics, in which your school competes against other middle schools. All middle schools compete in the following sports:

Fall: Boys' Soccer; Girls Softball; Golf (Boys & Girls) Cross County (Boys & Girls); Volleyball (Boys and Girls)

Winter: Basketball (6th & 7th Grade Boys and Girls; 7th & 8th Grade Boys and Girls)

Spring: Girls' Soccer; Track (Boys and Girls); Tennis (Boys and Girls); Boys Baseball

In order to participate in athletics and extracurricular activities, you must maintain

higher academic standards than those for promotion. A sports physical from the doctor, as well as proof of insurance or purchasing school insurance, are also requirements. You also must not owe any money to the school system. Please refer to your school's handbook for details.

National Academic League

The philosophy of the National Academic League is to motivate students with a season of academic competition similar to a season of athletic games. Each middle school team participates by studying and presenting knowledge of math, history, grammar, communication skills, science, politics and world affairs. At the end of the NAL season, district champions compete against schools across the state and nation.

Battle of the Books

The purpose of the Battle of the Books program is to encourage reading by all students at the

middle school level. The game format creates interest and excitement in reading. Through the fun and excitement of competition, students improve reading skills, mature in their choices of reading materials and acquire a broader knowledge base.

FLL – First Lego League (Robotics Club)

Every middle school offers an after-school FIRST Lego League program. Students work together to learn and apply problem-solving techniques in three areas. The students build and program the NXT Lego robot to accomplish certain tasks; develop an innovative solution to a real world problem; and practice teamwork skills. Teams participate in the FIRST Lego League State Tournament in January. Teams often meet for one hour after school one day each week.

Special Program Offerings

Balanced Encore Program

Sixth-graders participate in the Balanced Encore Program so that they take one course each in arts education, career-technical education and world (foreign) language. World (foreign) language offerings available include Chinese, French, German, Japanese, Latin and Spanish (languages vary per school and is based on demand).

Parents and students will receive a special insert to assist you with the registration process. Please note that rising seventh- and eighth-grade students may select any of the courses as indicated on the registration card.

Under certain circumstances, some students may be exempt from the world (foreign) language requirement. Parents and students should see their counselors for more information about the Balanced Encore Program.

LEAP and Gateway at John F. Kennedy High School

John F. Kennedy High School offers the LEAP program for middle school students who have been retained in a previous year. The program's goal is to identify students who are in need of grade recovery and then provide them an opportunity to make up the grade they failed by completing two grades in one year or receive advanced credits towards high school as an 8th grader. Students must pass all end-of-grade assessments, have excellent attendance and pass all academic courses to be eligible to LEAP.

JFK students are taught an interdisciplinary curriculum in small class settings. Teachers provide a variety of strategies to accelerate the curriculum or provide the appropriate remediation for each student. In order to help students reach their academic goals, JFK middle school students participate in an extended day school experience.

With the aid of dedicated teachers, counseling

staff, social workers and administration, the needs of the total child are addressed.

Virtual Academy

The WS/FCS Virtual Academy is designed to meet the needs of students and families who desire access to rigorous and diverse learning opportunities virtually. The Virtual Academy serves grades K-8 and offers a combination of synchronous and asynchronous instruction for students each day. At the Virtual Academy teachers deliver curriculum according to the North Carolina Standards and support students in demonstrating mastery of all concepts. As a means of supporting student needs, Virtual Academy has a support block time built into the master schedule for additional support when students find it difficult to master content standards or for enrichment and acceleration. Courses in the areas of CTE, art, music, and foreign language are offered in order for students to receive a well-rounded education. Additionally, opportunities for students to participate in after-school clubs and activities are offered for each grade span in order to support students socially and emotionally and offer opportunities to socialize and create social bonds with each other within the virtual learning community.

Magnet Schools

Winston-Salem/Forsyth County Schools is home to more than 21 magnet programs which means our families have access to a variety of specialty programs. Magnet school programs offer students an opportunity to discover their talents and explore their interests while focusing on academic excellence. Families expect the very best for their children in a research-based, experiential, technologically-rich environment that includes an engaging community, authentic assessments, and hands-on learning.

There are seven programs at the middle school level that capitalizes on integration of the magnet theme and the state content standards. The goal of these programs is to promote high student achieve-

ment through use of programs that fit the interest and strengths of their students.

The program at Mineral Springs focuses on Performing Arts & Leadership while Paisley offers the school system's only International Baccalaureate Middle Years Programme (MYP- grades 6th-10th)

Winston-Salem Preparatory Academy is built on personalized instruction, small classes, an integrated curriculum and leadership opportunities throughout the community, and Philo-Hill offers entrepreneurial, academic, leadership opportunities through research and innovative design. Hanes integrates science, technology, engineering and math (STEM) content & principals including pre-engineering classes through Project Lead the Way. Wiley offers its students integration of science, technology, engineering, the arts, and mathematics (STEAM) as access points for guiding student inquiry, dialogue, and critical thinking. The Downtown School provides authentic, hands-on learning experiences.

Transportation is provided throughout the county to each school. For more information about these programs, visit <https://www.wsfcs.k12.nc.us/Domain/35> or call 727-2519.

Hanes: Science, Technology, Engineering and Mathematics

The academic program at Hanes Magnet School is designed around a Science, Technology, Engineering and Math (STEM) theme and was named the top magnet school in the nation in 2013. We have a diverse student body and proudly serve highly academically gifted (HAG), academically gifted (AG) and other students who desire a rigorous program. STEM content and principles are integrated into our classroom and extracurricular activities and provide students with a challenging and rigorous academic experience that prepares them for future educational and career settings.

Our core classes provide STEM-infused instruction and integrated projects that build

students' critical thinking, problem-solving and collaborative skills. Project Lead the Way, a pre-engineering elective, provides students with hands-on experiences and exposure to coursework related to engineering. Students' learning is enriched and extended through special projects, guest speakers and design challenges, field experience, lunch and learn events, and other opportunities involving over 30 business, community, and educational partners. Hanes offers a broad range of STEM-related extracurricular activities that provide students with the opportunity to engage more deeply with STEM areas and to compete on teams with others.

As a magnet school, Hanes is open to middle school students throughout Forsyth County. Transportation is provided through magnet shuttle runs. Hanes has a standard mode of dress. The school's dress code policy includes: black or khaki pants, shorts, or skirts, and shirts may be black, yellow, purple, khaki or white and must have a collar.

Project Lead the Way provides transformative learning experiences for students. It creates an engaging, hands-on classroom environment and empowers students to develop in-demand knowledge and skills they need to thrive. The following Project Lead the Way courses are offered:

6th grade: Design and Modeling

7th grade: Automation and Robotics, Flight and Space, Computer Science for Innovators and Makers

8th grade: The Magic of Electrons, App Creators, Energy and the Environment

Mineral Springs: Magnet for Arts and Leadership

Mineral Springs focuses on the arts and leadership and is designed to make the transition to middle school easier. The school's acclaimed arts programs help students discover and nurture their individual talents, while its emphasis on leadership will help students develop skills they will need as adults.

Guided by the work of noted authorities Howard Gardner and Steven Covey, the faculty at Mineral Springs has designed a program in which students discover and nurture their talents while navigating the significant changes and challenges associated with adolescent development.

Arts opportunities at the school include classes in drama, dance, visual arts, piano, Band instruments, chorus, video production and gymnastics.

Paisley: International Baccalaureate Middle Years Programme

Paisley IB Magnet School offers a complete International Baccalaureate (IB MYP) for highly motivated students. The five-year curriculum, designed for students in grades 6 through 10, provides academic challenges and life skills appropriate to middle-years students, preparing them to excel in the IB Diploma Programme or in Advanced Placement classes in grades 11 and 12. Paisley's magnet program encourages students to develop international mindedness, intercultural awareness, an understanding of their own histories and traditions, and to become critical and reflective thinkers. Students who complete the Middle Years Programme are eligible to earn the prestigious IB Middle Years Programme Certificate. To earn the prestigious IB MYP certificate, students must successfully complete a demanding course of study

that includes five years of world (foreign) language, more than 100 service hours, a personal project and advanced studies in the core areas.

Paisley encourages student achievement and discovery through an accelerated, inquiry-based curriculum. Socratic seminars in all classes are an example of the school's development of students' communication skills. While the program includes all elements of the Essential Standards, it also focuses on the interrelation of academic subjects and the connections to the real world.

Students in years 6 through 8 can earn high school credit in a World Language (French, German, Spanish, or Latin), Earth/Environmental Science, NC Math 1 and NC Math 2. Colleges and universities all over the world recognize the "IB" as the most rigorous and relevant education a student can receive.

Philo-Hill Magnet Academy: Research and Innovative Design

Philo-Hill Magnet Academy provides quality learning experiences through innovative teaching and learning techniques. Our learner experiences: iSELF, iLearn, iLead, and iConnect, empower students to become STEM literate individuals who engage in complex problem-solving and innovative collaborators to solve problems while developing leadership and social skills. As a Verizon Innovative Learning School and Panorama Pilot School, we offer a customized curriculum that meets the goals and outcomes of these research-based programs while honoring the pillars of the Magnet Schools of America. We offer entrepreneurial, academic, leadership, athletic, and special interests opportunities for all students to further cultivate interpersonal skills, explore personal interests, and develop career pathways. Our families are also welcome to take part in opportunities that allow our scholars to experience learning beyond the campus. Visit our school's webpage for more information about our school and opportunities to "Believe, Learn, and Become."

The Downtown School: Hands-On Learning

The Downtown School is more than a school, we are a learning community strategically placed in the heart of our vibrant city. DTS offers exceptional educational opportunities with dynamic programming for Preschool, Elementary and Middle school on one campus. Families live or work close by in order to apply to the lottery. Parents volunteer an average of one hour per child per week to collaborate with faculty which strengthens the curriculum. Learning beyond the classroom happens everyday naturally embracing the endless opportunities in the downtown community (i.e. The Downtown Library, YMCA, Stevens Center, SawTooth), outdoor classroom space, makerspace and a rooftop greenhouse. Each student receives the individual attention that all students need which includes open classroom design with small class sizes and 45 students at each grade level. Social and emotional learning is emphasized through the lens of the Multiple Intelligences with experienced educators. Encore classes are Spanish and Career Technical Education (CTE). Our Lego Robotics team excels in competitions. Students may try out for athletics at their residential school. With high and hopeful expectations, students are encouraged to problem solve while taking more responsibility

for themselves and their learning preparing for transitioning to high school.

Wiley: Science, Technology, Arts, Engineering and Math

Wiley Middle School is the only middle school in Forsyth County offering a STEAM focus. STEAM is Science, Technology, Engineering, and Mathematics infused with the Arts. Wiley's instructional approach incorporates problem-based and inquiry-based learning, which teaches students to solve real-world problems through cooperative learning, critical-thinking, and effective communication. Students are led by a dedicated staff who regularly incorporate current technology into daily instruction.

The STEAM focus will prepare students for the 21st century with an integrated approach in all classes. Teachers include visual arts, music, technology and writing into brain-based learning. This teaches students how to think clearly and experience scenarios that allow them to develop skills in different disciplines to grapple with real-world problems.

Students are exposed to project-based learning with hands-on experiences such as field trips, guest speakers, lab activities and leadership opportunities within the community. Students have options to take encore courses to further engage their interest in technology and the arts. Foreign language is also available. Students can participate in enrichment activities such as the Robotics Team, Science Olympiad, Art Club, Battle of the Books, NAL, LEAD Girls, Sign Language and many other extracurricular organizations.

Contact Principal Lisa Bodenheimer for more information at 727-2378.

Winston-Salem Preparatory Academy Middle School Program

The middle grades at Winston-Salem Preparatory Academy are part of the successful magnet program that goes through grade 12. WSPA provides a college culture where students are enrolled in a rigorous and relevant curricular program beginning in sixth grade. WSPA seeks to prepare students to enter college with a caring and nurturing learning environment that enables all students to achieve academic excellence through personalized instruction, an integrated curriculum and leadership opportunities throughout the community.

The school was formed after WS/FCS and Winston-Salem State University received a grant from the Bill Gates/Thurgood Marshall Foundations that provided funding to create small schools. As a result, the academy opened in August 2004.

WSPA is designed to create a more personable atmosphere and to prepare every student for college. The academy will have smaller class sizes than those in regular middle school settings. Students benefit from co-ed elective classes, and after-school enrichment and remediation programs. Students in the Middle School Program will take courses such as accelerated math to be ready for the transition to rigorous college prep classes in high school.

Students are enrolled in a rigorous and relevant curricular program beginning in the sixth grade. All students wear a standard mode of dress that includes any solid color collared shirts and khaki or black pants. Parents are expected to volunteer at school and attend parent workshops to facilitate a strong home-school partnership.

Winston-Salem/Forsyth County Middle Schools



Dr. Jesse Pratt, *Interim Deputy Superintendent*
 Donna Cannon, Benjamin Hall, Dr. Lionel Kato, Dr. Karen Roseboro, *Area Superintendents*
 Administrative Assistants: 336-727-2790

Clemmons

3785 Fraternity Church Road, Winston-Salem 27127
 Sandra Hunter, Principal.....703-4217
 Counseling Office.....774-4198

Downtown School*

601 N. Cherry Street, Winston-Salem 27101
 Andy Lester-Niles, Principal.....703-4125
 Counseling Office.....703-4126

East Forsyth

810 Bagley Drive, Kernersville 27284
 Donald Wyatt, Principal.....703-6765
 Counseling Office.....703-6769

Flat Rock

4648 Ebert Road, 27127
 Becky Hodges, Principal.....703-6762
 Counseling Office.....703-6763

Hanes*

2355 Pleasant Street, Winston-Salem 27107
 Robin Willard, Principal.....703-4171
 Counseling Office.....703-4172

Jefferson

3500 Sally Kirk Road, Winston-Salem 27107
 Shane O'Neal, Principal.....703-4222
 Counseling Office.....774-4226

John F. Kennedy High School*

(includes LEAP Academy and Gateway Prep Program)
 890 E. 11th Street, Winston-Salem 27101
 William Wynn, Principal.....703-4143
 Counseling Office.....703-4144

* Countywide magnet schools.

Kernersville

110 Brown Road, Kernersville 27284
 Lisa Duggins, Principal.....703-4255
 Counseling Office.....703-4257

Kingswood

1001 Reynolda Road, Winston-Salem 27104
 Roderick Dupree, Principal.....703-4128
 Counseling Office.....703-4128

Lowrance

3605 Old Greensboro Rd., Winston-Salem 27101
 Samantha Manring, Principal.....703-4181
 Counseling Office.....703-4182

Meadowlark

301 Meadowlark Drive, Winston-Salem 27106
 Matt Dixon, Principal.....703-4228
 Counseling Office.....703-4230

Mineral Springs*

4559 Ogburn Avenue, Winston-Salem 27105
 Dr. Debra Gladstone, Principal.....703-6733
 Counseling Office.....703-4180

Northwest

5501 Murray Road, Winston-Salem 27106
 Freda Smith, Principal.....703-4161
 Counseling Office.....703-4162

Paisley*

1394 Thurmond Street, Winston-Salem 27105
 Dr. Randy Mann, Principal.....703-4168
 Counseling Office.....703-4169

Philo-Hill*

410 Haverhill St., Winston-Salem 27127
 Dr. Benika Thompson, Principal.....703-4165
 Counseling Office.....703-4166

Southeast

1200 Old Salem Road, Kernersville 27284
 Stephanie Gentry, Principal.....703-4219
 Counseling Office.....703-4220

Virtual Academy

Dr. Anissia J. Scales, Principal.....703-4296
 Counseling Office.....703-4296

Walkertown

5240 Sullivantown Road, Walkertown 27051
 Scott Munsie, Principal.....703-4154
 Counseling Office.....703-4155

Wiley*

1400 Northwest Blvd., Winston-Salem 27104
 Lisa Bodenheimer, Principal.....727-2378
 Counseling Office.....727-2502

Winston-Salem Preparatory Academy Middle School Program*

1215 N. Cameron Ave., Winston-Salem 27101
 Dr. Keisha Gabriel, Principal.....703-6732
 Counseling Office.....703-6736

In compliance with federal laws, Winston-Salem/Forsyth County Schools administers all educational programs, employment activities and admissions without discrimination because of race, religion, national or ethnic origin, color, age, military service, disability, or gender, except where exemption is appropriate and allowed by law.