

2020-2021 Magnet Program & Early College

MIDDLE SCHOOL OPTIONS

SEE 
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DIFFERENTLY 



Magnet and Curriculum Enhancement Programs

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MAGNET MIDDLE SCHOOL PROGRAMS

Center for Digital Sciences

The Center for Digital Sciences prepares students for the digital future. Students become problem solvers who think critically and creatively, and who use technology as a tool for collaboration and innovation. It teaches an approach to learning, Computational Thinking, which involves collecting data, breaking it down, analyzing it, looking for patterns, and finding creative and innovative steps to solve problems. This thinking approach serves children in all subject areas and in their lives, even beyond academics. Students also can interact with technology companies in nearby Research Triangle Park. This authentic collaboration with IT and programming businesses strengthens classroom learning. [Reedy Creek MS](#)

Leadership in Technology

All students receive daily lessons in leadership and character development based on Dr. Stephen Covey's book, "The 7 Habits of Highly Effective People". One-to-one technology is integrated in daily core instruction through distinct partnerships with Verizon Digital Promise, providing every student with 24/7 equitable access to tablet technology and the Internet. [Carroll MS](#)

University Connections and Leadership

This magnet program offers innovative and collaborative experiences through a network of business and university partnerships on NC State and Centennial Campuses. As part of the WCPSS leadership pathway, emphasis is on character development as defined by Dr. Stephen Covey's work with the 7 Habits of Highly Effective People. This blended digital environment offers students a platform for creative problem solving and design. This campus operates on a modified year-round calendar. [Centennial MS](#)

Gifted and Talented/AIG Basics

This magnet program is rooted in the belief that every student has gifts and talents that are valued and nurtured through this model. Students in GT schools explore an extensive menu of electives, all which enhance the Common Core and Essential Standards, and all of which are designed to develop students' strengths and interests. Through this structure, students can customize their academic programs by choosing elective courses according to their academic needs and interests.

Students in the AIG (Academically or Intellectually Gifted) Basics program are grouped with other AIG- identified students for language arts or math, according to their individual qualifications. All schools that offer the AIG basics theme offer it in conjunction with the GT magnet theme.

[Carnage MS](#) [Ligon MS](#) [Martin MS](#) [Moore Square MS](#) [Zebulon MS](#)

Academy of the Visual & Performing Arts

The arts are simply a way of life in the Visual & Performing Arts program. All students learn about the arts through arts-integrated experiences in all classes on campus: with artists-in-residence, by attending arts-centered field trips and performances, through arts-focused service learning projects, and with an official partnership with the NC Museum of Art. Students are offered the opportunity to explore the arts in leveled, progressive visual and performing arts classes. Students who seek deep study in a chosen art form can take a double-period arts *Guild* class. [East Millbrook](#)

IB Middle Years Programme/Creative Arts

In the IB Middle Years Programme (MYP), students learn through global contexts, key interdisciplinary concepts, and the application of social, thinking, research, communication, and self-management skills. Students benefit from a wide range of course offerings in the arts, world languages, technology, social studies, science, and physical education. Teachers ask "Essential Questions" that guide students in finding more than one right answer.

The Creative Arts program has an emphasis on learning and expression through the integration of the arts. Arts teachers are specialists who work with classroom teachers to help bring the arts into math, science, social studies, and language arts. [East Garner MS](#) [West Millbrook MS](#)

Global Studies/Language Immersion

In the Global Studies program, students participate in a world language class (French, Spanish, or Mandarin Chinese) and participate in a Global Studies course. This course will explore world religions, cultures, and global issues. The purpose is to give students an understanding, respect, and appreciation of multiple geographic regions and cultural areas to develop an understanding of various challenges that unite and divide the world.

[Daniels MS](#)