

New Magnet Themes for 2016

Powell Center for Play and Ingenuity Magnet Elementary School

This will be the only school in Wake County rooted in play theory and curriculum, an exciting new theme that makes learning fun! Teachers will use games to teach students about strategy, cooperation, communication skills and problem solving. In grades K-3, learning comes through playing games. In grades 3-5, it evolves into learning more about game theory and game design, helping students understand more complex concepts.

East Millbrook Academy of the Visual & Performing Arts Magnet Middle School

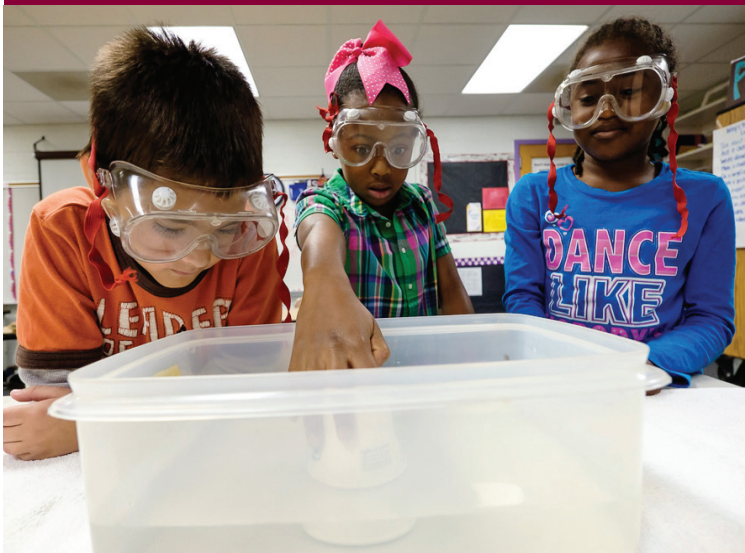
This IB World school will allow students to experience the arts everyday, learn at least one language and perform in the community. Sixth graders will be able to explore various performance concentrations from visual arts to music to theater. In 7th grade they will choose an area to focus on. Cultural arts projects and exhibitions will integrate the IB global perspectives.

Reedy Creek Center for the Digital Sciences Magnet Middle School

Students will have the opportunity to become technology experts, using devices to help them learn in both core subjects and IT programs. The school will offer collaborative learning with IT and programming business partnerships. They'll learn how to maximize technology when doing research, managing projects and exploring new ideas.

Athens Drive Center for Medical Sciences & Global Health Initiatives Magnet High School

Students interested in a career in health and/or science professions will be interested in this new magnet theme. STEM (Science, Technology, Engineering and Math) pedagogy will support learning across disciplines. Community partnerships will offer hands-on learning opportunities. Areas of concentration range from agricultural sciences, sports medicine, global health initiatives and more.



ELEMENTARY SCHOOLS

- BRENTWOOD MAGNET SCHOOL OF ENGINEERING (919) 850-8720 | brentwoodes.net
- BROOKS MUSEUMS MAGNET (919) 881-1350 | brookses.wcpss.net
- BUGG CREATIVE ARTS AND SCIENCE MAGNET (919) 250-4750 | bugges.wcpss.net
- COMBS LEADERSHIP MAGNET (919) 233-4300 | combses.wcpss.net
- CONN ACTIVE LEARNING AND TECHNOLOGY MAGNET (919) 856-7637 | connes.wcpss.net
- DOUGLAS CREATIVE ARTS AND SCIENCE MAGNET (919) 881-4894 | douglas.wcpss.net
- FARMINGTON WOODS IB PYP MAGNET (919) 460-3469 | fwes.wcpss.net
- FOX ROAD IB PYP MAGNET (919) 850-8845 | foxroades.wcpss.net
- FULLER GIFTED AND TALENTED/AIG BASICS MAGNET (919) 856-7625 | fulleres.wcpss.net
- GREEN LEADERSHIP & WORLD LANGUAGES MAGNET (919) 431-8141 | gyr.wcpss.net
- HODGE ROAD LANGUAGE IMMERSION MAGNET (919) 266-8599 | hodgeroades.wcpss.net
- HUNTER GIFTED AND TALENTED/AIG BASICS MAGNET (919) 856-7676 | hunteres.wcpss.net
- JEFFREYS GROVE LANGUAGE IMMERSION MAGNET (919) 881-4910 | jeffreysgrovees.net
- JOYNER CENTER FOR SPANISH LANGUAGE/IB PYP MAGNET (919) 856-7650 | joyneres.wcpss.net
- KINGSWOOD MONTESSORI MAGNET (919) 460-3481 | kingswoodeswcpss.net
- MILLBROOK IB PYP MAGNET (919) 850-8700 | millbrookelementary.com
- PARTNERSHIP (919) 856-8200 | partnership.wcpss.net
- POE GIFTED AND TALENTED/AIG BASICS MAGNET (919) 250-4777 | poees.wcpss.net
- POWELL CENTER FOR PLAY AND INGENUITY MAGNET (919) 856-7737 | powelles.net
- STOUGH LANGUAGE IMMERSION MAGNET (919) 881-4950 | stoughes.net
- SMITH IB PYP MAGNET (919) 662-2458 | smithes.wcpss.net
- UNDERWOOD GIFTED AND TALENTED MAGNET (919) 856-7663 | www.underwoodes.net
- WASHINGTON GIFTED AND TALENTED MAGNET (919) 856-7960 | washingtones.wcpss.net
- WENDELL CREATIVE ARTS AND SCIENCE MAGNET (919) 365-2660 | wendelles.wcpss.net
- WILEY INTERNATIONAL STUDIES MAGNET (919) 856-7723 | wileyes.wcpss.net
- ZEBULON GIFTED AND TALENTED MAGNET (919) 404-3680 | zebulonones.wcpss.net

MIDDLE SCHOOLS

- CARNAGE GIFTED AND TALENTED/AIG BASICS MAGNET (919) 856-7600 | carnagemes.wcpss.net
- CARROLL LEADERSHIP IN TECHNOLOGY MAGNET (919) 881-1370 | carrollmswcpssnet.weebly.com/
- CENTENNIAL UNIVERSITY CONNECTIONS & LEADERSHIP MAGNET (919) 233-4217 | ccms.wcpss.net
- DANIELS GLOBAL STUDIES/LANGUAGE IMMERSION MAGNET (919) 881-4860 | danielms.wcpss.net
- EAST GARNER IB/CREATIVE ARTS MAGNET (919) 662-2339 | eastgarnerms.wcpss.net
- EAST MILLBROOK ACADEMY OF VISUAL AND PERFORMING ARTS MAGNET (919) 850-8755 | eastmillbrookms.wcpss.net
- LIGON GIFTED AND TALENTED/AIG BASICS MAGNET (919) 856-7929 | ligon.wcpss.net
- MARTIN GIFTED AND TALENTED MAGNET (919) 881-4970 | martinms.wcpss.net
- MOORE SQUARE GT/AIG BASICS/MUSEUMS MAGNET (919) 664-5737 | mooresquarems.wcpss.net
- REEDY CREEK CENTER FOR THE DIGITAL SCIENCES MAGNET (919) 460-3504 | companystudio.com/rcms
- ZEBULON GIFTED AND TALENTED MAGNET (919) 404-3630 | zebulonms.wcpss.net
- WAKE YOUNG MEN'S LEADERSHIP ACADEMY (6-12) (919) 664-5644 | youngmen.wakeacademy.org
- WAKE YOUNG WOMEN'S LEADERSHIP ACADEMY (6-12) (919) 508-9088 | girls.wakeacademy.org

HIGH SCHOOLS

- ATHENS DRIVE CENTER FOR MEDICAL SCIENCES & GLOBAL HEALTH INITIATIVES MAGNET (919) 233-4050 | athensdrivehs.wcpss.net
- BROUGHTON GLOBAL STUDIES/LANGUAGE IMMERSION MAGNET (919) 856-7810 | broughton.wcpss.net
- ENLOE GIFTED AND TALENTED/IB MAGNET (919) 856-7918 | enloehs.wcpss.net
- GARNER IB MAGNET (919) 662-2379 | garnerhs.wcpss.net
- MILLBROOK IB MAGNET (919) 850-8787 | mhs.wcpss.net
- SOUTHEAST RALEIGH CENTER FOR LEADERSHIP & TECHNOLOGY MAGNET (919) 856-2800 | srhs.net
- WAKE EARLY COLLEGE OF HEALTH AND SCIENCES (919) 212-5800 | healthscienceec.wcpss.net
- WAKE NC STATE STEM EARLY COLLEGE (919) 515-2255 | stemec.wcpss.net
- VERNON MALONE COLLEGE AND CAREER ACADEMY (919) 856-8119 | ctehs.wcpss.net

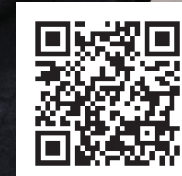
PATHWAYS KEY

- Early College/Application
- Gifted and Talented
- International Baccalaureate
- Global Studies/Language Immersion
- Leadership and Technology

Magnet and Early College / Application Schools

Explore the Extraordinary World of Magnet Schools

Magnet and Curriculum Enhancement Programs



WAKE COUNTY PUBLIC SCHOOL SYSTEM

Magnet & Curriculum Enhancement Programs
 Crossroads 1
 5625 Dillard Drive
 Cary, NC 27518
 919.431.7355
 E-mail: magnetcenter@wcpss.net
 Website: www.wcpss.net/magnet

How to Apply

- **Explore** magnet options www.wcpss.net/magnet
- **Identify** the magnet programs that host programs for your address at <http://www.wgis2.wcpss.net/addressLookup/>
- **Attend** the Magnet Fair, Magnet Mini-Fair, Information sessions and School Tours
- **Apply** by creating a parent account **January 7 - 22, 2016**
 - Identify 1-5 schools to which you would like to apply
 - Rank as first choice, second choice, third choice
 - Apply anytime during the application period
- **Check** for a notification on **February 5, 2016** in parent account

NOTE: You may apply to both Early Colleges and Magnet schools



Transportation

Choosing a school also means choosing transportation services. Make sure both fit the needs of your family. Most magnet students are eligible for bus transportation, but the type of service may vary depending on your school choice. To check what type of transportation you are eligible for, visit: www.wgis2.wcpss.net/addressLookup/

THE FOLLOWING TRANSPORTATION SERVICES MAY BE AVAILABLE, DEPENDING ON YOUR SCHOOL CHOICE:

Neighborhood Busing

With neighborhood busing, students may walk to a stop centrally located within the neighborhood. Magnet students can experience ride times longer than an hour. You can view current bus routes online to estimate the length of the bus route.

Express Busing

With Express busing, parents accept responsibility for driving their student in the morning and afternoon to a central location, such as a school or a shopping center for pick up by the bus. The bus will travel to several express stops before it delivers students to their school.

Parent Provided

Some magnet choices do not offer bus transportation. Families that choose these schools accept responsibility to ensure that students get to and from school.

Magnet Options



Leadership and Technology Pathway students learn through common instructional strategies that are strengthened by a variety of technology tools. Student learning is supported by active, project-based methodologies that promote natural curiosity, support guided exploration and discovery, encourage meaningful projects, and foster interaction among peers and mentors. Common essentials featured in all programs are hands-on project-based learning experiences with real world incorporation of community resources. Students in these programs focus on developing skills for success in the 21st century, including the use of emerging technologies and the promotion of goal-setting and leadership skills.

Active Learning and Technology (K-5) — Students infuse technology into all content areas with one-to-one iPad devices. During Project Based Learning Modules, students participate in hand-on investigations and inquiry learning tasks. Instruction is enhanced with video-conferences, off-campus excursions, and expert guest speakers, including the opportunity for kindergarten and first grade students to study Spanish. Students in second through fifth grades study computer science and programming from a partnership with NCSU. Students have the opportunity to choose a quarterly “focus area” in Dance, Drama, Music, Computer Science, Physical Education, and Visual Art.

Engineering (K-5) — The Engineering magnet program brings together science, technology, engineering and math (also called STEM) in ways that make learning fun. Students work together to ask, imagine, plan, create and improve as a way to solve real world problems and improve learning in all subject areas. Through this approach, students begin to see how those subjects are relevant to what they are studying in the classroom and the real world.

Leadership (K-5) — Good leadership requires more than natural ability. With its emphasis on leadership and character development, students develop a real-world skill set that includes communicating effectively, collaborating, making ethical decisions and motivating others. They show initiative, participate in service learning, and practice specific and intentional goal-setting. Combs Elementary School is the inspiration for Stephen Covey’s book *The Leader in Me*.

Montessori (PK-5) — This program offers a nurturing and supportive learning environment developing the whole child, including social, emotional, academic, and physical needs. Curriculum is delivered using the Montessori philosophy, methods, and materials. Student-led Project Based Learning allows students to gain knowledge and skills by investigating and responding to a complex question or challenge.

Museums (K-5) — Through extensive partnerships with local museums, arts centers, and government organizations, students interact with these community resources for an enhanced learning experience that transcends the classroom walls. The Paideia Principles are applied throughout the day which provides students the opportunities to create products which demonstrate their understanding of the Standards. The school is transformed into a museum of student work.

Leadership & World Languages (K-5) — Unleashing each child’s full potential as a well-rounded global citizen, this magnet program focuses on leadership and world languages as a vital component in every student’s

education. Students have daily instruction in either Mandarin Chinese or Spanish. Using Stephen Covey’s 7 Habits of Highly Effective People, students learn and practice integrity, initiative, work ethic, cooperation, confidence, and service to the community.

Leadership in Technology (6-8) — 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.

University Connections and Leadership (6-8) — 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.

Center for Leadership and Technology (9-12) — Blending leadership and technology creates a challenging and dynamic environment for all students in this magnet model. While emphasizing leadership and character development, along with engaging technology applications, students maximize their potential as global citizens and strong community leaders. Students have access to Project Based Learning, New Tech, and innovative instruction through the Engineering, Biotech, and IT academies. Students are provided future skills training for college or the workplace that is increasingly dependent upon technology, creativity, innovation, and



Gifted and Talented (GT) Pathway Featuring some of the district’s oldest and most popular programs, GT is rooted in the belief that every student has gifts and talents to be valued and nurtured. Students are offered an extensive menu of elective courses that develop strengths and interests.

Gifted and Talented (K-12) — Whether your child chooses Robotics, International Games, Theater Production, Coastal Ecology, Orchestra, Mystical Mythology, or any of the over 200 electives offered each year at our GT schools, our goal is to nurture your child’s gifts and talents through our extensive elective program.

AIG Basics (K-8) — Students in the AIG (Academically and Intellectually Gifted) Basics program are grouped with other AIG-identified students for language arts or math, according to their individual qualifications. Enloe Magnet High School provides a continuation of this program through advanced courses and electives. This program is offered at five schools in conjunction with the GT magnet theme.

International Studies (K-5) — International education is taught through integrated units of study that include world investigations, global perspectives, communication of ideas and local and global action. Students have the opportunity for daily study in one of five world language choices, beginning in kindergarten through 5th grade. Language classes include Mandarin Chinese, French, Spanish, Japanese and German. Students also select classes from a menu of internationally focused arts and PE courses. Twenty-first-century tools assist students in learning about the rich world around them and about various means of communicating across cultures to become global ambassadors.



International Baccalaureate (IB) — International Baccalaureate (IB) is an internationally standardized program of study that is offered in about 140 countries and has garnered world-wide recognition for its rigor and high academic standards. IB students become increasingly knowledgeable and interested in international understandings, and actively work to effect positive change. The IB organization offers three programs: the Primary Years Programme (grades K-5), the Middle Years Programme (grades 6-10) and the Diploma Programme (grades 11-12). Many colleges and universities give special admissions consideration to students who take IB classes and earn an IB diploma.

IB Primary Years Programme (K-5) — The Primary Years Programme seeks to develop the whole child to become a responsible member of a community. IB-trained teachers work together to create units of inquiry that inspire students to think about big ideas to promote international understanding and a global perspective. Students begin a study of Spanish in kindergarten and use advanced technology to explore the world around them. Students work to answer questions such as: Who are we? Where are we in place and time?

IB Middle Years Programme/Creative Arts (6-10)—Through the IB program, students experience a connectedness through the Areas of Interaction: Human Ingenuity; Approaches to Learning; Community and Service; Environments; Health and Social Education. Students benefit from a wider range of course offerings in the arts, world languages, technology, social studies, science and even physical education. Teachers ask “Essential Questions” that guide students in finding more than one right answer. During the fifth year of the MYP (10th grade), students complete a personal project that demonstrates initiative, organization and creativity.

IB Diploma Years Programme (11-12) — Beyond intellectual rigor, strong emphasis is placed on the ideals of international understanding, responsible citizenship and service. The IB DP students become critical and compassionate thinkers, lifelong learners and informed participants on local and world affairs, respecting the variety of cultures and attitudes that make up the world. Students who choose to participate in the Diploma Programme can potentially earn an International Baccalaureate Diploma that is recognized by major universities worldwide.

Center for Spanish Language/IB PYP (K-5) — All students in kindergarten through 5th grade receive instruction in Spanish every day. Along with the study of the language, students develop an understanding of Spanish culture through art, music and dance. The IB programme helps students ask questions through an inquiry model. With an emphasis on community service, students become responsible, globally-minded citizens.

Creative Arts and Science (K-8) — This program is a natural complement to the IB programme with its emphasis on learning and expression through the integrated arts. Arts teachers and science teachers are specialists who work with classroom teachers to help bring the arts into math, science social studies and language arts. With the addition of a science learning lab and a specialized science teacher, all students are provided expanded hands-on science instruction beyond that taught in the regular classroom.

Global Studies/Language Immersion (K-12)

The language immersion programs offers students an opportunity to develop English acquisition as well as a second language (Spanish or Chinese) development. The standard curriculum is utilized throughout all of the language immersion programs. Students, however, take their literacy, math, social studies and science classes in a second language. While students are together for their immersion experience, they have the opportunity to participate in globally focused specials, taught in English, during other parts of the day. In the Global Studies program, students take globally focused humanities classes. An international focus is integrated into all classes.

Early College / Application Schools



Application

Partnership Elementary (K-5) — Learning takes place in small learning environments, where instruction is delivered using a team approach to know each child as a learner. Each child’s learning progress is monitored using a Personal Education Plan (PEP). Partnership students give back through quarterly community service-learning projects. Partnership families are expected to volunteer an average of four hours per month in activities which support the school’s mission. Partnership operates on the modified year-round calendar.

Early College — Early College High Schools help students get a head start on college while earning their high school diploma. Students take high school and college courses, with many of the college credits transferable to a four-year program. College courses are taught by college/university faculty at no cost to students or parents. When students graduate, they will not only have earned college credits, but they may also have a better idea of the careers they want to pursue. In addition to the online application, a pre-application is required.

Wake Early College of Health Sciences (WECHS) (9-12+) — This school provides opportunities to explore careers in the health and sciences through partnerships with Wake Tech, and WakeMed Health and Hospital. This five-year high school program allows students to earn their high school diploma and an Associate degree, college transfer credit, prerequisites courses to prepare for health sciences degree, or certificate - tuition free. Students follow a rigorous high school program of honors classes for the first two years and are dual enrolled in Wake Tech courses the remaining years.

Wake NC State University STEM (Science, Technology, Engineering and Math) (9-12+) — This school attracts students showing interests in content areas of science, technology, engineering, or math, and who have a desire to attend college. This five-year program offers the opportunity to earn both a high school diploma and up to two years of college credit.

Wake Young Women’s and Men’s Leadership Academies (6-12+) — These schools start at 6th grade and continue to a blended high school and college experience. These small, single-gender academies develop each student as a leader and a learner. Themes of empowerment, innovation and collaboration are integrated in academic and extracurricular opportunities that result in each student’s scholarship, service and success.

Vernon Malone College & Career Academy (9-12) — This school is a collaborative endeavor with Wake Technical Community College and Wake County Government. Students will be able to complete studies in one of the ten programs as part of their graduation credits. Through an academic foundation paired with career-informed courses and work-based learning experiences, graduates may continue to a four-year university, or apply their earned credits towards an AAS degree, certificate or diploma program at Wake Technical Community College.