



RICHLAND SCHOOL DISTRICT TWO

magnets

*Purpose Driven,
Future Ready®*

TABLE OF CONTENTS

Elementary School Magnets

Center for Achievement.....	9
Center for Inquiry.....	10
Center for Knowledge/Center for Knowledge North	11
Bridge Creek Medical, Engineering and Discovery (MED) through Arts Magnet School.....	12
L. W. Conder Elementary Arts Integrated Magnet School	13
Elementary Learning Collaborative (eLc) at Forest Lake.....	14
Forest Lake Elementary NASA Explorer School.....	15
Academy for Civic Engagement (ACE) at L. B. Nelson Elementary School.....	16
STEMS at North Springs Elementary School	17
Dual Language Immersion (DLI) at Polo Road Elementary School	18
Montessori Magnet at Pontiac Elementary School	19
Rice Creek Elementary School of Academics, Innovation and Leadership (SAiL).....	20
Computer Science Immersion School (CSiS) at Sandlapper Elementary School	21

Middle School Magnets

TWO Academies at Dent Middle School.....	23
Fine Arts and Media Enrichment (FAME) at Dent Middle School.....	24
The Learning Collaborative (TLC) at Dent Middle School	25
Language Immersion at E. L. Wright (LIW)	26
Leadership Academy at E. L. Wright (LAW) Middle School.....	27
Kelly Mill Med Pro Middle School.....	28
Kelly Mill, Inc. Magnet Program.....	29
Longleaf Engineering and Arts Program (LEAP)	30
School of Zoological and Botanical Studies (ZOOBOT) at Longleaf Middle School	31
Leadership Academy at Muller Road Middle School (LAM)	32
Academy of Exercise Physiology & Sports Medicine (Get Fit) at Summit Parkway Middle School	33
STEM Institute of Design and Innovation (SIDI) at Summit Parkway Middle School	34

High School Magnets

CavPlex Convergence Media at Richland Northeast High School	36
Horizon at Richland Northeast High School	37
Palmetto Center for the Arts (PCA) at Richland Northeast High School	38
Allied Health Sciences Magnet at Ridge View High School.....	39
BioHealth Sciences Magnet at Ridge View High School.....	40
A Med Pro Magnet at Ridge View High School	41
Scholars Academy Magnet for Business and Law at Ridge View High School	42
Discovery at Spring Valley High School.....	43
Explorations at Spring Valley High School	44
Institute of Research, Engagement, & Design (iRED) at Westwood High School	45
Studio D at Westwood High School.....	46

Frequently Asked Questions About Magnet Programs.....	47-49
---	-------

Nationally Certified Magnet Schools & Demonstration Magnet Schools

Richland Two is home to 36 nationally certified magnets, of which 28 are Demonstration Magnet programs. These schools serve as innovation laboratories for others to learn best practices in theme-based education. The schools have met rigorous Magnet School Standards of Excellence set by the National Institute for Magnet School Leadership. Additional schools in Richland Two apply for and receive this designation annually.



1. Center for Inquiry
2. Center for Knowledge* / Center for Knowledge North*
3. Conder Elementary Integrated Arts Magnet School*
4. The Academy for Civic Engagement (ACE) at Lonnie B. Nelson Elementary School*
5. The Montessori Magnet at Pontiac Elementary
6. Elementary Learning Collaborative (eLc) at Forest Lake Elementary NASA Explorer School *
7. STEMS (Science, Technology, Engineering, Math) at North Springs Elementary School*
8. Sandlapper Computer Science Immersion Elementary
9. Fine Arts and Media Enrichment (FAME); The Learning Collaborative (TLC); TWO Academies Single Gender magnets at Dent Middle School*
10. INC. Med Pro at Kelly Mill Middle School*
11. Dual Language Immersion at Polo Road Elementary*
12. Longleaf Engineering and Arts Program (LEAP); and The School of Zoological and Botanical Studies (ZooBot) at Longleaf Middle School*
13. Leadership Academy (LAM) at Muller Road Middle School*
14. The Leadership Academy at Wright (LAW) at E. L. Wright Middle School*
15. CAVPLEX Convergence Media; Horizon; and Palmetto Center for the Arts at Richland Northeast High School*
16. Institute for Health Sciences Magnet Programs; and Scholars Academy Magnet for Business and Law at Ridge View High School*
17. Discovery; and Explorations at Spring Valley High School*
18. Institute of Research, Engagement & Design (iRED) at Westwood High School Center for Achievement Studio D
19. Medical, Engineering and Discovery through the Arts (MED) at Bridge Creek Elementary*
20. School of Academics, Innovation, and Leadership (SAiL) at Rice Creek Elementary*
21. Academy for Exercise Physiology and Sports Medicine (Get Fit), STEM Institute for Design and Innovation (SIDI) at Summit Parkway Middle

* Demonstration Magnet School

NATIONALLY RECOGNIZED
COMMITMENT TO DIVERSITY & EXCELLENCE

RICHLAND SCHOOL DISTRICT TWO magnets

MAGNETS EXPLAINED

Richland Two's Magnet Programs offer learning opportunities related to various themes for interested students. Students in Richland School District Two may apply to a Magnet Program regardless of where they are zoned. The purpose of Magnet Programs are to meet students' diverse needs and interests by maximizing potential for learning and growth; encouraging creativity; maintaining high standards; and creating an awareness of career opportunities relative to the fields of study in which students may be interested. Richland Two offers several different types of Magnets.

Schoolwide – In a Schoolwide Magnet all students participate in the specialized focus of the school. Students zoned to the school do not have to apply; students outside the zoned area must apply for admission. Selection of non-zoned students is determined through lottery. The following schools are Schoolwide Magnets:

Elementary Schoolwide Magnets

Bridge Creek Elementary MED
Forest Lake Elementary NASA Explorer School
Killian STEAM Leadership Academy

Conder Elementary Arts Integrated Magnet
Sail at Rice Creek Elementary
Sandlapper Computer Science Immersion Magnet

Middle Schoolwide Magnets

Kelly Mill Med Pro
FAME at Dent Middle

Longleaf Middle LEAP

High Schoolwide Magnets

Ridge View Med Pro High School

Westwood High School iRED

Schools-Within-A-School – These are smaller learning communities within a larger school environment. School-within-a-school programs have an instructional focus that varies from the full school focus. For Elementary programs, selection is via random lottery. For most Middle School and High School programs there are selective criteria for admission. The exception, FAME, has selection by random lottery. The following Magnets are school-within-a-school programs:

Elementary School-Within-A-School Magnets

Forest Lake Elementary Learning Collaborative (eLc)
North Springs STEMS
Pontiac Elementary Montessori pre-K -5

Lonnie B. Nelson Academy of Civic Engagement
Polo Road Dual Language Immersion (DLI)

Middle School-Within-A-School Magnets

Dent The Learning Collaborative (TLC)
E.L. Wright Leadership Academy at Wright (LAW)
Longleaf ZooBot
EL Wright Language Immersion at Wright (LIW)
Summit Parkway Academy of Exercise Physiology and Sports Medicine (Get Fit)

Dent Two Academies
Kelly Mill, INC
Muller Road Leadership Academy

Summit Parkway STEM Institute of Design and Innovation (SIDI)

High School-Within-A-School Magnets

Richland Northeast Horizon

Ridge View Allied Health

Ridge View Scholars Academy for Law and Business

Spring Valley Explorations

RNE Palmetto Center for the Arts (PCA)

Ridge View BioHealth

Spring Valley Discovery

Westwood Studio D

Centers – Centers are small separate elementary schools located in a building adjacent to a middle school campus. A Center is not considered a separate full school because they share facilities with the larger school where they are housed. The Center for Inquiry and Center for Knowledge students are selected through random lottery, while the Center for Achievement has selective criteria. Our Center Schools are:

The Center for Achievement (Kelly Mill)

The Center for Inquiry (Summit)

The Center for Knowledge (EL Wright)

The Center for Knowledge North (Muller Road)

TYPE	STRUCTURE	ENROLLMENT	ZONING
MAGNET CENTER	Separate small school located on a larger school campus	Limited number per grade level	Students cannot be zoned to a Center School
SCHOOL-WITH-IN-A-SCHOOL MAGNET	Specialized learning community within a larger school setting	Limited number per grade level	Students zoned to the host school may apply for acceptance to the magnet housed at the zoned school
SCHOOLWIDE MAGNET	All students attending the school are considered magnet students	Based on school capacity (net gain of 20)	Student in the school attendance zone are automatically a part of the magnet
EXPANDED CHOICE	Students become a part of the regular school population	Based on school capacity (net gain of 20)	Students in the school attendance zone are automatically enrolled. Students outside of the zoned area must apply.

**parents/guardians must provide transportation for all choice options*

***Some schools may be closed to Choice this year.*

Please check the Richland Two website (www.richlandtwo.org/Choice) for the most updated information.



MAP TO MAGNETS

Your guide to navigating the Richland Two Magnet application process

Steps for Success:

- Attend Choice Fair to gather program and application information.
- Attend school information meetings.
- Decide on First, Second and Third Magnet options. If you apply to more than one program, make sure your applications are in priority order, with 1 being your first choice, 2 your second choice, and 3 your third choice.
- Submit an application for your program(s) during Choice I or Choice II application window.
- Check back during parent notification period to view your selection outcome.
- Accept or Decline any offered seat.

Elementary School Magnet Selection Process:

- Selection is determined by random lottery.
- All offered seats must be accepted by the deadline or the seat will be offered to the next student on the lottery list.

Middle School Magnet Selection Process:

- Acceptance determined by random lottery-no interview required for LEAP at Longleaf Middle and Med Pro at Kelly Mill Middle.
- Acceptance determined by selective criteria: TLC, TWO Academies, LAW, SIDI, Get Fit, INC., ZooBot, LIW, and Leadership Academy at Muller Road Middle.

Selective Criteria Includes:

- Select an artifact representing a personal interest or activity to prepare for interview
- Individual interview times will be sent when the application window closes
- Writing sample and activity (completed during interview)
- Teacher recommendations (coordinated by magnet office)
- First semester grades from current school year
- Most current MAP and SC Standardized Test scores

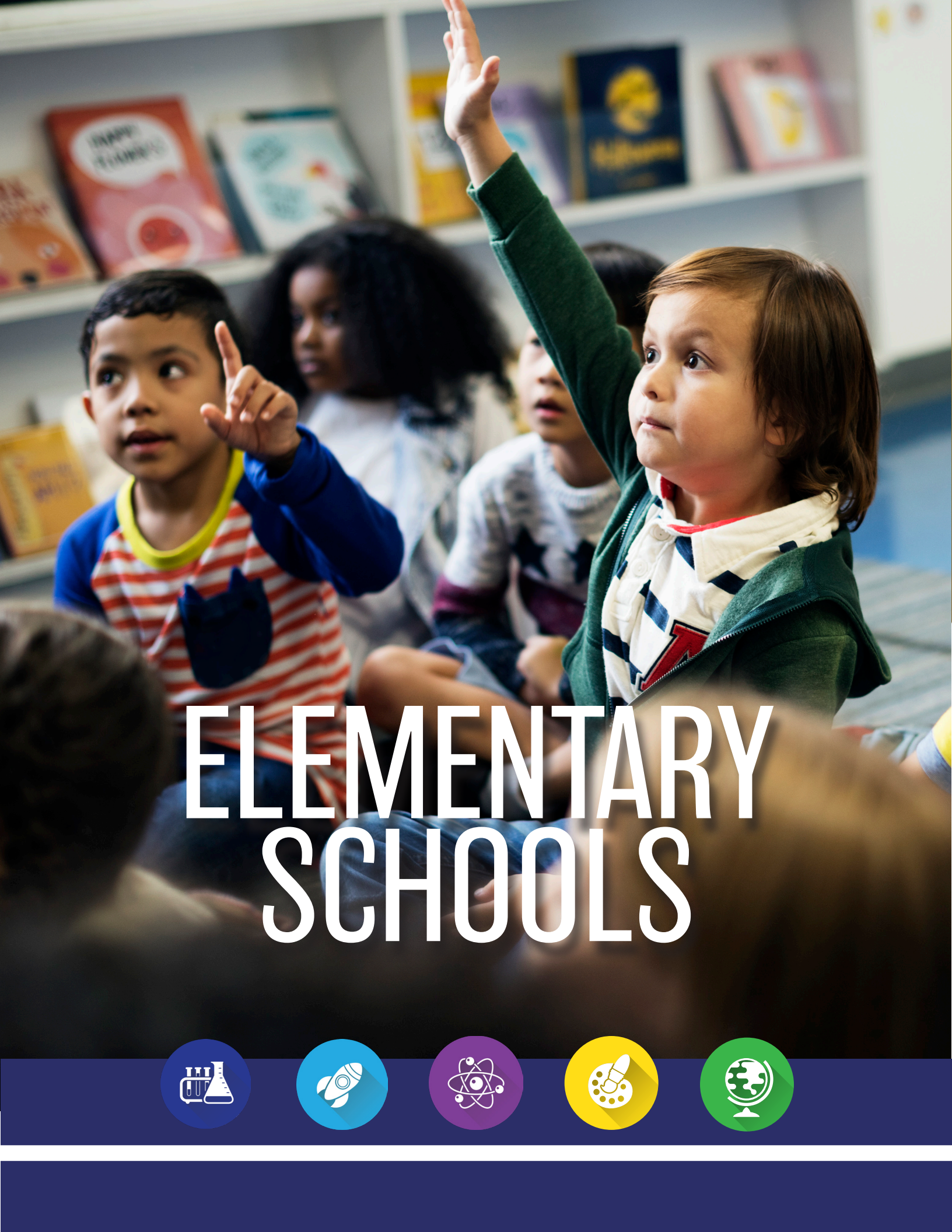
High School Magnet Selection Process:

- Acceptance determined by random lottery-no interview required for Convergence Media at Richland Northeast High, Med Pro at Ridge View High, and iRed at Westwood High.
- Acceptance determined by selective criteria: Horizon, PCA, Bio Health, Allied Health, The Scholars Academy Magnet for Business and Law, Discovery, Explorations, and Studio D.

Selective Criteria Includes:

- Interviews scheduled by individual program
- Writing Sample (completed during interview)
- Activity for some programs completed during interview time
- Teacher recommendations (coordinated by magnet office)
- First semester grades from current school year

For More Information:
www.richland2.org/choice

A photograph of several young children in a classroom setting. In the foreground, a boy with brown hair, wearing a green hoodie over a white and blue striped shirt, is pointing his right hand high into the air. To his left, another boy with dark hair, wearing a blue and red striped shirt, is also pointing his right index finger upwards. In the background, a girl with dark curly hair is looking towards the camera. The background shows a bookshelf filled with various children's books. The overall atmosphere is one of active participation and learning.

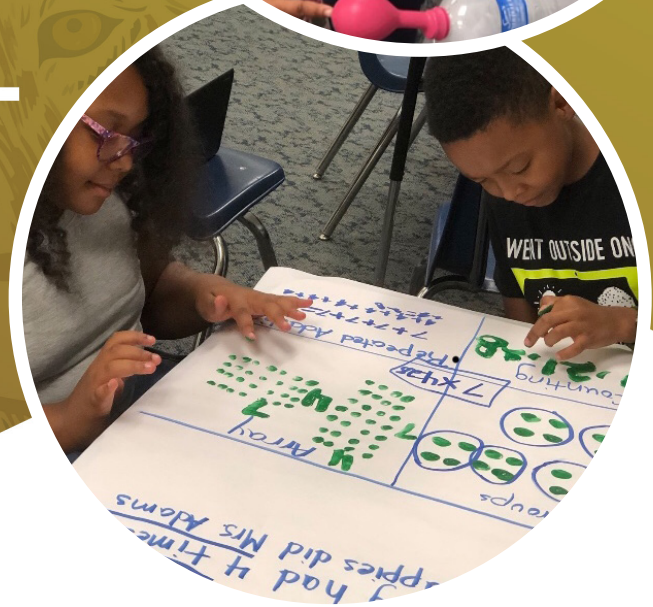
ELEMENTARY SCHOOLS





CENTER FOR ACHIEVEMENT

The Center for Achievement (CFA) provides a personalized learning experience for every child. Each student receives a personalized learning pathway based on their levels of learning and learning styles. CFA utilizes the 6 C's of Global Competencies: character, citizenship, collaboration, communication, creativity, and critical thinking, to enrich thinking and meet the individual and collective needs of our students, for life-long success.



The Center for Achievement (CFA) provides a personalized learning experience for every child. Each student receives a personalized learning pathway based on their levels of learning and learning styles. CFA utilizes the 6 C's of Global Competencies: character, citizenship, collaboration, communication, creativity, and critical thinking, to enrich thinking and meet the individual and collective needs of our students, for life-long success.

What Makes CFA Unique?

CFA offers smaller class sizes (1:16 ratio) to support learning personalization. CFA also has a strong school-based community partnership with Kelly Mill Med Pro Middle, Lake Carolina Lower, and Lake Carolina Upper. Through these collaborations, the students benefit from a variety of exploratory classes and curricular activities.

Student Success

Participation in CFA will provide the nurturing and supportive environment needed to foster independence and encourage students to reach their greatest optimal potential.

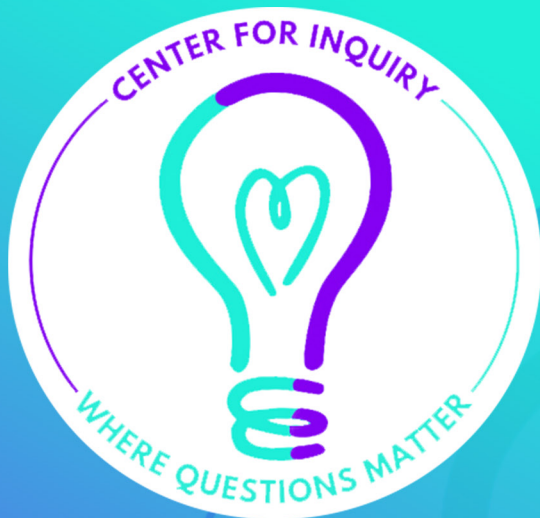
Mission

The Center for Achievement, in collaboration with Richland School District two, offers a smaller school environment for students, centered on personalized learning. The Center for Achievement philosophy is that every student thrives when the environment is intentionally designed to meet their needs and interests.

Our Values

- Diversity
- Innovative Curriculum/Professional Development
- Academic Excellence
- High Quality Instructional Systems
- Family & Community Partnerships

1000 Lake Carolina Drive, Columbia, SC 29229
803-691-7216 - www.cfa.richland2.org



CENTER FOR INQUIRY

Inquiry-based instruction emphasizes hands-on learning experiences, high-interest studies, and an integrated curriculum. The Center for Inquiry is a Richland Two magnet school for kindergartners through fifth graders. As a small school partnership, it unites our district with the University of South Carolina to create a unique learning environment in a small school setting.



The Center for Inquiry's teachers remain with the same group of students for two years, to minimize time lost in transitions between grades and to build strong learning communities. A key feature is the school's focus on "inquiry based" instruction. The classes emphasize hands-on learning experiences, high-interest studies, and integrated curriculum. The approach is innovative and students are held to high standards.

Mission

The students, parents and staff of the Center for Inquiry, a genuine collaboration between the University of South Carolina and Richland School District Two, are responsible for developing ourselves as more thoughtful, caring and intelligent people who delight in learning and are committed to creating a more compassionate, equitable, knowledgeable and democratic world!

What Makes CFI Unique?

Students engage in inquiry when they are invited to pose and investigate questions or issues they find compelling. Students are encouraged to explore, think, ask questions, and solve problems through the perspectives of mathematicians, scientists, historians, artists, musicians, readers, and writers. Teachers align this process with the skills, standards, and goals appropriate for the age level of the student.

What type of student would benefit from CFI?

Students who are self-motivated, work well independently and cooperatively in groups, and are invested in sustained inquiry.

200 1/2 Summit Parkway, Columbia, SC 29229
803.699.2969 - www.cfi.richland2.org



CENTER FOR KNOWLEDGE

(CFK & CFKN)

The Center For Knowledge (CFK) and (CFKN) are designed to be accelerated and challenging. The program offers a dual curriculum teaching students the National Core Knowledge Standards and South Carolina Standards. This requires students to work at twice the pace as traditional schools.



Mission

Center for Knowledge strives to provide academic excellence through the delivery of the National Core Knowledge Curriculum which provides a coherent, cumulative, and content specific core curriculum.

What Makes CFK(N) Unique?

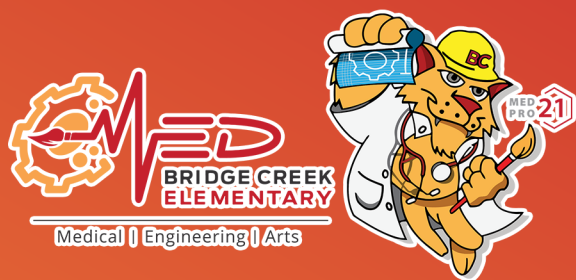
CFK(N) has built its curriculum around Core Knowledge, a comprehensive, sequential and spiraling curriculum. The Core Knowledge Curriculum specifies what is to be taught at each grade level for each subject throughout the school. With the curriculum set, teachers are free to choose the best method for presentation; thus instructional strategies are taught with a wide range of methods in Core Knowledge Schools. Students at CFK(N) are also expected to master SC State Standards. The curriculum sequence provides a common foundation for learning, prepares students for the future, ensures equity and access for all students, and builds overall knowledge. It includes topics and subtopics in language arts, world history, American history, geography, visual arts, music, mathematics, and science which spiral each year.

What type of student would benefit from CFK(N)?

Since two curricula are taught each year, students should be highly motivated and able to move at a fast pace. Parents sign a contract committing themselves to being active participants in their children's education. CFK(N) is supported by parent volunteers who work individually and on committees. Parents have a responsibility to send children to school who are respectful, self-disciplined, and prepared to work hard and learn.

Students leaving the Center for Knowledge will have gained an intensive global education. Students will be used to a rigorous curriculum. Experiences gained from high quality learning experiences, field studies, and character education will support students as they move on to the next level of study.





MEDICAL, ENGINEERING AND DISCOVERY THROUGH THE ARTS (MED) AT BRIDGE CREEK ELEMENTARY

Bridge Creek Medical, Engineering and Discovery (MED) through Arts is a school-wide magnet. The program uses Project Based Learning to integrate STEAM-M as we teach key academic content and practice 21st Century Skills through investigations of real-world questions, problems, or challenges. AVID (Advancement Via Individual Determination) prepares our students for college and career readiness. Through AVID, our students use Writing, Inquiry, Collaboration, Organization, and Reading to support student learning and develop the necessary skills to thrive in school and beyond.



Mission

Every Child, Every Chance, Every Day—Partnering with our community to invest in every child by providing diverse opportunities to succeed through Medical, Engineering, and Arts immersion.

What type of student would most benefit from participating in MED?

We believe all students will benefit from participating in our magnet school. We offer a rigorous, unique program that is designed using the Profile of the South Carolina Graduate.

What makes MED unique?

M: Only at MED at BCE will you find a fully-functioning Medical Lab where students learn through hands-on exploration, augmented reality, case-studies, and even a pediatric medical simulator. As an extension of the content learned in the Medical Lab, students incorporate Physical Education in the PhysMed Lab.

E: The program has a fully operating Engineering Lab. Our students experience the Engineering Design Process using the Engineering

is Elementary curriculum from the Boston Museum of Science in the Engineering Lab. We also offer Lego robotics and a fully stocked Makerspace where students have an opportunity to explore their own interests; learn to use tools and materials, both physical and virtual; and develop creative projects.

D: There is a strong link between academic achievement and the Arts. Research has shown that what students learn in the arts may help them to master other subjects, such as reading, math or social studies. We have expanded our Arts program to include ukuleles, bucket drumming, steel pans, African drumming, and print-making.

How will participation in MED help students successfully matriculate to the next level of study?

STEAMM Med Pro 21 is a K-12 continuum of rigorous instruction and learning which integrates innovative Science, Technology, Engineering, Arts, Math and Medical activities aligning to state standards and core content.



L. W. CONDER ELEMENTARY ARTS INTEGRATED MAGNET SCHOOL

L.W. Conder Elementary Arts Integrated Magnet School partners with parents and the broader community to provide students with meaningful, engaging educational experiences rooted in the arts. By thoughtfully integrating the arts across all subject areas—rather than teaching concepts in isolation—we offer students a richer, more dynamic learning experience. This approach empowers our scholars to think critically, communicate effectively, collaborate with peers, and create with confidence.



Mission

At L.W. Conder Elementary Arts Integrated Magnet School, our mission is to cultivate bright S.T.A.R.S. — students who demonstrate Self-Control, value Teamwork, accept Accountability, show Respect and Responsibility, and strive for Success. Through meaningful partnerships with parents, local artists, and community organizations, we create learning experiences that extend beyond the classroom and into the world around us.

What makes the Arts Integrated Magnet unique?

L.W. Conder embraces the belief that creativity lies at the heart of learning. Rather than teaching subjects in isolation, we intentionally blend the arts across all content areas to deepen understanding and ignite student engagement. Whether it's exploring fractions through drumming, history through drama, or science concepts through visual arts, our approach helps students develop critical thinking, collaboration, and communication skills.

Students rotate daily through a rich selection of arts experiences — Dance, World Drumming, Strings, Visual Art, General Music, and Physical Education — and are consistently provided safe, supportive spaces to create, perform, and grow. Our vibrant, inclusive environment celebrates diversity, nurtures passions, and develops innovative thinkers prepared to thrive in the 21st century.

What type of student would benefit from the Arts Integrated Magnet program?

At L.W. Conder, our arts-integrated program benefits and enhances learning for every child, not just those who consider themselves

talented in the arts. By weaving the arts into daily instruction, we make academics more accessible, memorable, and enjoyable — helping students understand not just what they're learning, but why. This approach gives students different ways to process information — whether seeing it, hearing it, acting it out, or building it — so each child has a chance to connect with the content in a way that makes sense to them.

Families choose L.W. Conder because our students are confident learners who are engaged, inquisitive, and eager to come to school each day, regardless of their strengths or interests.

Learning Beyond the Classroom

At L.W. Conder, learning doesn't stop at the school doors. Our students participate in high-quality field studies to places such as Roper Mountain Science Center, Barrier Island, Riverbanks Zoo, Lexington Museum, Boeing Aeronauticals DreamLearners, Columbia Children's Theatre, Koger Center of the Arts, and local farms — bringing classroom concepts to life through hands-on, real-world experiences.

We also bring authentic arts experiences to our campus by partnering with guest artists, performers, and community organizations who work directly with our students. Throughout the year, students shine through on-campus and community performances, showcases, and exhibitions, giving them meaningful opportunities to present.

FOREST LAKE ELEMENTARY



ELEMENTARY LEARNING COLLABORATIVE

ELEMENTARY LEARNING COLLABORATIVE (ELC) AT FOREST LAKE

The Elementary Learning Collaborative at Forest Lake built its foundation upon VanTassel-Baska's Integrated Curriculum Model as developed by the College of William and Mary's Center for Gifted Education. The advanced and rigorous curriculum is delivered at an accelerated pace. In addition to all of the benefits of the NASA Explorer School program already offered at Forest Lake Elementary, students in the Elementary Learning Collaborative will be immersed in units of study that provide an interdisciplinary approach to instruction.



Students will participate in multiple opportunities for the application and development of 21st century learning skills: communication, collaboration, critical thinking, and creativity. In-depth instruction, in all curricular areas, is supported through inquiry, research, authentic problem and project-based learning activities. Forest Lake Elementary NASA Explorer School and the Elementary Learning Collaborative ... just around the corner, but worlds apart!

Mission

The Elementary Learning Collaborative, in partnership with families and the community, develops through the integration of advanced content, overarching concepts, and in-depth learning experiences the potential and talents of all students while promoting a growth mindset.

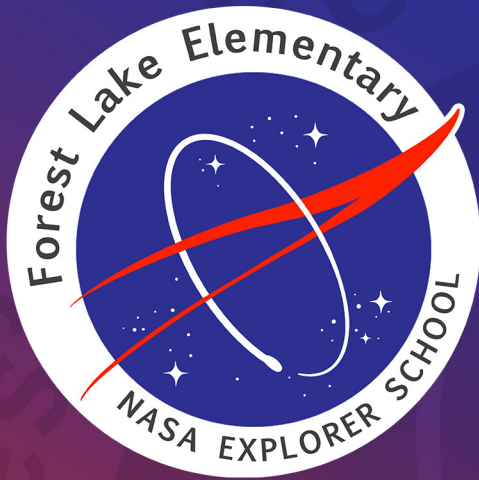
What makes eLc unique?

The curriculum and teaching models, which have their foundation firmly set in VanTassel-Baska's Integrated Curriculum Model as developed by the College of William and Mary's Center for Gifted Education, supported by gifted/talented endorsed teachers trained at William & Mary make this program unique.

What type of student would benefit from eLc?

This unique magnet program is designed to meet the needs of and challenge students that demonstrate the potential for high achievement. Students that show a strong sense of curiosity about the world around them and are highly motivated to search for answers to their questions will benefit from what the eLc program has to offer. Students will be well-prepared to excel in any middle or high school program to which they are accepted. The goal is that students will enter into second grade working above grade level and leave elementary school performing well beyond grade level expectations. Experiences gained from high quality learning experiences, field studies, and character education will support students as they move on to the next level of study.

6801 Brookfield Road, Columbia, SC 29206
803.782.047 - www.fle.richland2.org



FOREST LAKE ELEMENTARY NASA EXPLORER SCHOOL

Forest Lake is proud to be a designated NASA Explorer School where the resources and research of NASA are utilized and have the latest technology at its fingertips. These resources help ignite a lifelong love of learning in students and foster an interest in science, technology, engineering, and math. But it doesn't end there.



The lessons learned through this unique program are integrated throughout the curriculum and provide the basis for school-wide programs and activities. The foundation developed in the early years will provide them with the tools necessary for success in the middle and high school years. Educators at Forest Lake believe being a NASA Explorer School provides a unique opportunity to help launch students for success today and tomorrow.

Mission

Our NASA Explorer School goals provide multiple opportunities for students to explore STEM topics in a variety of engaging and interactive NASA contexts. Activities are designed to increase student interest and participation in STEM curricula areas.

What Makes Forest Lake Unique?

Forest Lake Elementary, a NASA Explorer School, offers innovative, space-themed STEAM learning for kindergarten through fifth grade. Students engage in hands-on projects that connect lessons to real-world challenges, supported by a NASA Lab, STARLAB indoor planetarium, robotics, a student-run broadcast studio, and technology-rich classrooms. Recognized as a Magnet Schools of America "Top School of Excellence," Forest Lake fosters community

through events like NASA Family Nights, STEM career days, and the Robotics Club, creating a launchpad for curiosity, creativity, and future-ready skills.

What type of student would benefit from the NASA Explorer program?

The NASA Explorer School program is ideal for naturally curious students who enjoy hands-on learning and are excited about exploring science, technology, engineering, art, and math (STEAM). It's a great fit for learners who thrive when building, experimenting, designing, and solving real-world problems, especially those fascinated by space exploration and innovation. Students who work well in teams, take initiative, and like connecting classroom lessons to real-world challenges will find the program especially engaging, as it encourages creativity, critical thinking, and a love for discovery.

6801 Brookfield Road, Columbia, SC 29206
803.782.047 - www.fle.richland2.org



LONNIE B. NELSON ACADEMY FOR CIVIC ENGAGEMENT

The Academy for Civic Engagement (ACE) prepares students to become active, responsible citizens of our community and world. Students interact with local government, businesses and non-profit organizations. The Academy for Civic Engagement curriculum challenges students to translate civic education into community engagement.

Mission

Empowering students to become engaged citizens through government, economics, and service learning.

What makes ACE (The Academy for Civic Engagement) unique?

The Academy for Civic Engagement, a national award-winning program, blends experiential learning with project-based learning to give students meaningful, real-world experiences that prepare them for success beyond the classroom. In ACE, students don't just learn concepts, they live them. They engage in authentic opportunities such as participating in government through classroom elections, exploring economics by applying and interviewing for classroom jobs while managing their "earnings" to build financial responsibility, and leading service learning projects that positively impact their community. These experiences help students develop critical knowledge, practical skills and the confidence they need to thrive in the future as engaged citizens and leaders.

What type of student would most benefit from participating in ACE?

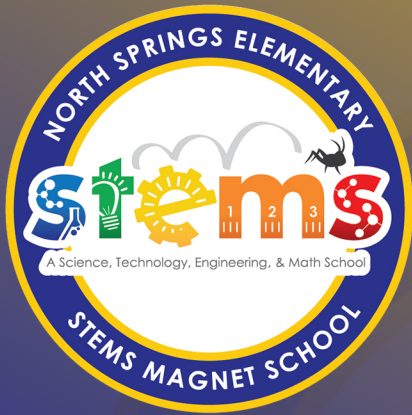
ACE students enjoy active, hands-on learning and are eager to engage in real-world experiences that extend beyond traditional classroom lessons. ACE is a great fit for students with an innate

curiosity who are excited to explore new ideas and ask meaningful questions. It also provides a strong environment for students who thrive in collaborative settings, working with their peers to solve problems and complete projects. In addition, ACE nurtures students who are natural leaders and enjoy the challenge of taking on leadership roles, whether through classroom responsibilities, service learning projects, or civic engagement opportunities. This unique program helps these students grow academically, socially, and as future leaders in their communities.

How will participation in ACE help students successfully matriculate to the next level of study?

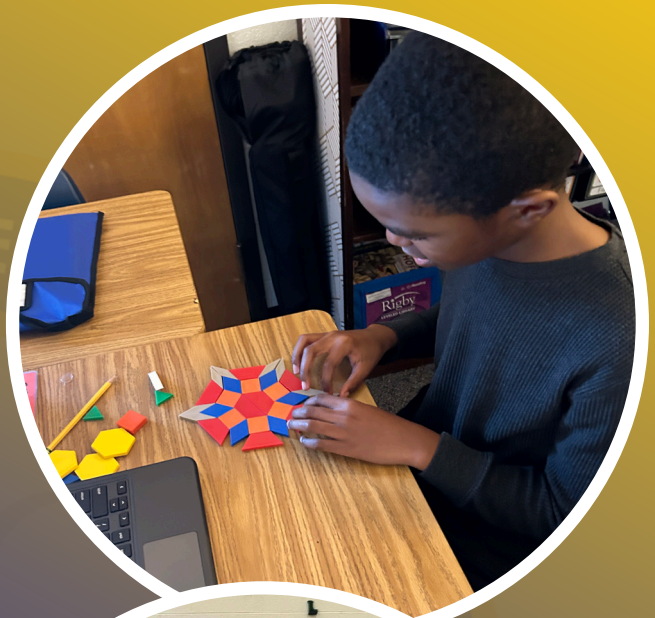
ACE equips students with both the academic foundation and the real-world skills needed to thrive in middle school and beyond. Through the program's emphasis on experiential and project-based learning, students develop critical thinking, problem-solving, and communication skills that extend far beyond memorization or test preparation. They learn how to collaborate effectively, take initiative, and adapt to new challenges. Students leave ACE prepared not only to excel academically but also to contribute meaningfully to their school communities at the next level.





STEMS AT NORTH SPRINGS ELEMENTARY SCHOOL

North Springs Elementary STEMS Magnet is a nationally award-winning program in which students participate in scientific investigation and comprehensive coursework focused on the interrelationship of science, engineering and mathematics. They develop skills in technology use and cross-curricular strategies in a safe, enriching, and collaborative learning environment. Students have ongoing access to 21st century learning through infused, interactive technology allowing the development of students' cognitive and collaborative abilities.



Mission

The mission of STEMS, in partnership with families, the community, and the school is to prepare students for active citizenship and for careers of the future, particularly STEM careers. We work to accomplish this goal by supporting students in doing the following: completing rigorous academic work, applying the engineering design process, and actively engaging in STEM projects.

Vision

Our vision is that all students in this program will have the opportunity to foster their creative, critical thinking, communication and collaboration skills. The development of these skills is necessary for students to establish a work ethic that will support them in whatever career path they choose. The STEMS vision is in direct alignment with the world class academic, skill, and character traits listed in our state's "Profile of a South Carolina Graduate

STEMS is Unique

The typical day for a STEMS student looks the same as one for a student in a traditional classroom, and that is OK!

What makes us different is our approach to teaching and learning. STEMS teachers use an integrated approach in which students are

required to seek out solutions to real world problems in a creative way. Students are encouraged to ask questions, to work with others, and to use what they know to develop a process or product that meets a specific need. We also use the 4C's (communication, collaboration, critical thinking, and creativity) along with the Engineering Design Center.

How will participation in STEMS help students matriculate to the next level of study?

STEMS educates the "whole" child, incorporating the arts, language and humanities into content curricula. Students are engaged in the engineering design process, using technology to meet the challenges of life. STEMS reflects an interdisciplinary approach, offering students the opportunity to make sense of the interconnected world around them, rather than learning subjects in isolation. Students take part in a comprehensive program that extends the learning experience beyond the classroom through authentic field experiences.

1300 Clemson Road, Columbia, SC 29229
803.735.3183 - www.nse.richland2.org



DUAL LANGUAGE IMMERSION (DLI) AT POLO ROAD ELEMENTARY SCHOOL

Dual Language Immersion (DLI) at Polo Road provides instruction in both Spanish and English. Students spend part of the day immersed in Spanish for math, science, and Spanish literacy, and the remainder of the day learning in English for language arts and social studies. Classes include a balanced mix of English- and non-English-speaking students, fostering cross-cultural respect and authentic opportunities to communicate in Spanish. This format continues through fifth grade



Mission

We offer an engaging and challenging program that helps students excel academically, become confident in two languages, and develop the cultural understanding they need to succeed in our diverse, global community.

What makes DLI unique?

Our program helps students become confident speakers, readers, and writers in both Spanish and English. They gain a deep appreciation for different cultures, build strong friendships, and develop the skills to succeed academically in both languages.

What type of student would most benefit from participating in DLI?

Students who are curious, enjoy learning about other cultures, and are interested in languages will thrive in DLI. The program welcomes and supports all types of learners by building strong academic skills, bilingual communication, and cross-cultural understanding from an early age. Students are accepted through the district's lottery application process, with no individual eligibility requirements,

but classes maintain a balance of English- and Spanish-speaking students.

How will participation in DLI help students successfully matriculate to the next level of study?

DLI helps students become strong communicators, readers, and writers in two languages while sharpening their critical thinking. Studies show that multilingual students develop strategic problem-solving skills and are more creative than their monolingual peers, giving them an advantage as they move on to middle school, high school, and beyond.

1250 Polo Road, Columbia, SC 29223
803.419.2226 - www.pre.richland2.org



MONTESSORI MAGNET AT PONTIAC ELEMENTARY SCHOOL

Montessori Magnet at Pontiac Elementary is a program based on the Montessori method. In the Montessori classroom, students are exposed to the Montessori Method in addition to state standards. The two balance one another, focusing on constructing meaning and creating a deeper understanding of a concept using concrete objects as opposed to simply memorizing information.

Mission

We are committed to creating a collaborative environment built on the principles of peace, trust, and respect that fosters joyful discovery based on individual student needs and interests. Our program utilizes hands-on Montessori materials to motivate student learning and understanding of concepts defined by state standards and driven by the Montessori Method.

What type of student would most benefit from participating in Montessori?

Eligibility Requirements: Three year olds through fifth grade students are eligible to apply. Students who are self-directed in their learning and are innately curious about learning new concepts benefit from participating in the Montessori magnet program. These students are interested in learning how and why instead of just finding the answer in a more traditional approach. A tenet of the Montessori philosophy is to create a peaceful learning environment where all students are respected.

What makes Montessori unique?

Montessori is a multi-aged program. Students remain with the same teacher for a three-year cycle. 3PK, 4PK, and 5K students are in the



same classroom. 1st, 2nd, and 3rd graders are in the same classroom, and 4th and 5th graders are in the same classroom. Teachers focus on developing concepts using hands-on Montessori materials instead of traditional methods, such as textbooks, workbooks and worksheets. Students work independently for a three hour work cycle each day where the teacher will work individually or in small groups with students. The teacher focuses on meeting individual student needs and shapes the curriculum around these needs. State standards are covered at all appropriate age levels; however, students move beyond these standards based on the needs of the child.

500 Spears Creek Church Road, Columbia, SC 29229
803.699.2700 - www.pe.richland2.org



RICE CREEK ELEMENTARY SCHOOL OF ACADEMICS, INNOVATION AND LEADERSHIP (SAIL)



Rice Creek Elementary School of Academics, Innovation and Leadership (SAiL) is a school-wide magnet. The program uses the Engineering Design Process to teach key academic content, practice 21st Century Skills (including collaboration, creativity, communication and critical thinking), and to create high-quality, authentic products and presentations. The school uses AVID's (Advancement Via Individual Determination) four key domains of operation: instruction, systems, leadership, and culture to achieve the goal of closing the achievement gap by preparing all students for college and career success.



Mission - Learn Today, Lead Today

In partnership with your community, Rice Creek will develop the global citizens of tomorrow - citizens who are prepared to lead and excel in their chosen pathway.

Vision

Rice Creek strives to be a learning and working environment where all partners are committed to creating, sustaining, and investing in a culture of excellence and where all are afforded the opportunity to maximize their gifts and talents as they pursue their pathway to purpose.

What type of student would most benefit from participating in SAiL?

All students will benefit from participating in SAiL. Students have access to all elements of science, technology, engineering, the Arts, math and medicine. SAiL also offers a rigorous and very unique program that is designed using the Profile of the South Carolina Graduate.

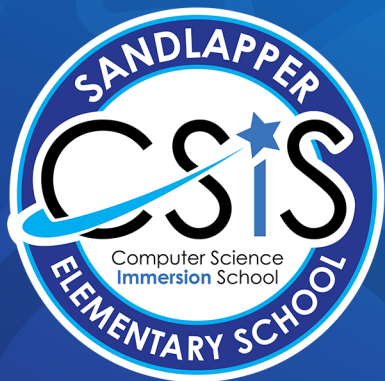
What makes SAiL unique?

Rice Creek has an ECHO (Educating Children on Health and Occupations) Lab where students learn about the medical field through the lenses of sports medicine, concentrating on orthopedics, physical therapy and wellness. Students will explore the bones, muscles and overall health of people. We have a Maker Lab where students are engaged in student-centered inquiry where they are able to explore their own interests as well as authentic projects. They also learn how to use a variety of tools and materials effectively. The students are also engaged in technology, coding and robotics. Rice Creek is a Leader In Me school. Leader In Me is a character education program that focuses on 21st Century leadership and life skills to empower students to become leaders.

How will participation in SAiL help students successfully matriculate to the next level of study?

STEAMM Med Pro 21 is a K-12 continuum of rigorous instruction and learning which integrates innovative Science, Technology, Engineering, Arts, Math and Medical activities aligning to state standards and core content.

**4751 Hard Scrabble Road, Columbia, SC 29229
803-699-2900- www.rce.richland2.org**



At Sandlapper Elementary, students don't just learn about technology, they live it. From Kindergarten through 5th grade, every child participates in hands-on computer science experiences that are woven into every subject, from math and ELA to science, social studies, art, and music. Central to this experience is LEGO Robotics, where students design, build, and code their own robots, bringing lessons to life in exciting, tangible ways. Through this immersive approach, students develop critical thinking, problem-solving, and collaboration skills while exploring the creative possibilities of technology, preparing them for success in school today and in the digital world of tomorrow.

COMPUTER SCIENCE IMMERSION SCHOOL (CSIS) AT SANDLAPPER ELEMENTARY



Mission

At Sandlapper Elementary, we have high expectations for joyful learning, creative thinking, positive leadership, and limitless opportunities.

What Makes CSIS Unique?

Every student, from Kindergarten through 5th grade, experiences computer science every day in meaningful ways. Rather than being limited to a single class, computer science is woven into all subjects; including math, ELA, science, social studies, art, and music. At the heart of this experience is LEGO Robotics, where students design, build, and code robots that bring their learning to life. Whether programming a robot to model a science concept, retelling a story through movement, or solving real-world challenges, students see firsthand how computer science connects to everything they do. By showcasing their creations at schoolwide events, our students celebrate their creativity while building collaboration, critical thinking, and problem-solving skills that prepare them for the future.

What type of student would benefit from CSIS?

Students who love to build and create thrive as they bring ideas to life with LEGO Robotics. Problem-solvers and critical thinkers are challenged to design solutions through coding and collaboration. Even students who are naturally drawn to art, music, or storytelling

find new ways to express themselves by integrating computer science into their passions. Because the program is hands-on, interactive, and connected to real-world learning, all students, whether they are dreamers, builders, creators, or explorers, discover skills that prepare them for success in school and beyond.

How will participation in our Computer Science Immersion program help students successfully matriculate to the next level of study?

It equips students with the skills and mindset they need to thrive as they move on to middle school and beyond. By engaging in hands-on experiences like LEGO Robotics, students learn to think critically, solve problems creatively, and collaborate effectively. These skills are essential across all areas of study. Because computer science is integrated into every subject, students develop the ability to make connections between disciplines and apply their knowledge in real-world contexts. Just as importantly, they gain confidence in using technology as a tool for learning and innovation. These experiences provide a strong foundation for advanced coursework, prepare students to embrace future opportunities in STEM, and foster the adaptability needed to succeed in an ever-changing world.



MIDDLE SCHOOLS





TWO ACADEMIES AT DENT MIDDLE SCHOOL



Computer Science Immersion at Sandlapper Elementary School integrates computer science skills throughout the school experience, including all core subject areas. The program prepares students for the future by combining programming with game design to provide a well-rounded understanding of technology and its creative applications. This is achieved through three Epic Build projects each year, where students explore and develop showcase projects using innovative platforms like Tynker, a block-based programming platform, Lego Robotics, and MinecraftEDU.



What type of student would most benefit from participating in TWO Academies?

The TWO Academies Single Gender Magnet Program is for motivated students who want to experience a rigorous curriculum, filled with hands-on learning activities. Learning in a single-gender environment can reduce the pressures of middle school years, as well as provide a rich educational opportunity while defining the unique genius of each student.

How will the participation in TWO Academies help students matriculate to the next level of study?

The TWO Academies inspires the learning community to explore and collaborate, and helps to develop self-confident, responsible, and respectful learners who support all members in realizing their potential.

What makes TWO Academies unique?

- School within a school
- Single gender core classes
- Small class sizes
- Break after two classes
- Extensive electives, including FAME classes
- 6th grade focuses on transition skills/activities
- Introduction to Latin for 6th grade students

Benefits of Single Gender Education

- Fewer classroom distractions
- Custom-tailored learning and instruction
- Confidence levels increase for students
- Students feel more comfortable sharing and participating in class.
- Students tend to be more willing to ask questions and take academic risks.
- Students get opportunities to choose activities/topics that validate their interests and learning styles.

Student Empowerment

- Service learning opportunities
- Community Partnerships
- After-school program
- Overnight/Day field studies
- Honor Code and Academic Policy
- Community-building activities
- Balancing academics and other activities
- Coordination of major assignments and tests

**2721 Decker Boulevard, Columbia, SC 29206
803.699.2750 - www.dms.richland2.org**



FINE ARTS AND MEDIA ENRICHMENT (FAME) AT DENT MIDDLE SCHOOL

FAME at Dent Middle School is a unique program in that it offers visual and performing arts, infused with technology. FAME students build upon skills learned in the visual and performing arts through each grade level. Beginning/9 week classes are offered to the 6th graders, allowing them the opportunity to explore what the program is about. During their 7th and 8th grade years, students are exposed to the arts in more depth with semester long classes, as well as year-long advanced classes. Students leave with a firm foundation in their arts area and can easily continue on through high school and beyond.

Mission

FAME provides active learning, individualized instruction, and an appreciation for the arts.

What makes FAME unique?

This program is unique in that it gives students opportunities to experience the arts through meaningful participation in a variety of creative projects and events. FAME is the only middle school arts and media program of its kind in Richland School District Two.

What type of student would most benefit from participating in FAME?

The FAME program is open to any student who has the desire to learn, grow, and flourish in the visual and performing arts.

How will participation in FAME help students successfully matriculate to the next level of study?

All students at Dent Middle School have the opportunity to participate in the FAME program. In order to help sixth grade students make an informed decision, the majority of their FAME classes are nine weeks long (except Band and Strings), allowing



students to experience many of these classes. At the end of the sixth grade school year, students will choose a major area to focus on. Upon entering seventh grade and continuing into eighth grade, students will have their FAME major as either a semester or year-long class during their co-curricular block. By the time FAME students leave Dent Middle School, they will be ready to apply for the Convergence Media program or audition for the Palmetto Center for the Arts program, both located at Richland Northeast High School.



**2721 Decker Boulevard, Columbia, SC 29206
803.699.2750 - www.dms.richland2.org**



THE LEARNING COLLABORATIVE (TLC) AT DENT MIDDLE SCHOOL

TLC at Dent Middle School is a nationally certified magnet program that serves high-achieving and highly motivated students by immersing them in a rigorous, intellectually stimulating academic environment. The foundation of TLC is the emphasis on higher order thinking skills through the integration of the academic disciplines.



Mission

The mission is to provide students with **community, collaboration, and core mastery**. Students thrive when provided with a community of learning where achievements are celebrated and relationships are nurtured. Collaboration, between students and academic disciplines, is a top priority in order to allow for creativity, problem solving, and the development of interpersonal skills. The program's unique experiences allow for students to go above and beyond in the mastery of content and skills for a successful transition to their future endeavors.

What makes TLC unique?

TLC encourages students to embrace the academic experience as a consistent and engaging journey that requires them to view learning as a process versus a performance. Most importantly, students are expected to be accountable for their learning. The goal is to assist students in developing skills to acquire and use information, to ask thoughtful and engaging questions, and grow. TLC students participate in a core program of literature, science, and social studies. Students pursue rigorous studies, engage in collaborative assignments, and work on interdisciplinary projects. This collaborative environment:

- demonstrates to students the interrelationships among subjects

- allows in-depth study and investigations of real-life problems
- allows for authentic performance-based assessments
- fosters better retention and transfer of knowledge
- provides for a variety of student groupings

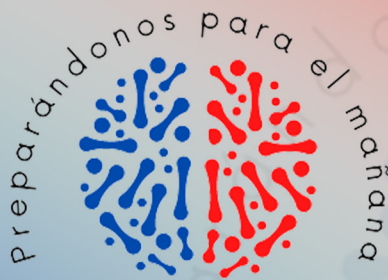
What type of student would most benefit from participating in TLC?

TLC is a program best suited for motivated students who seek an academic challenge. The rigor of the classroom, coupled with a focus on collaborative and interdisciplinary skills, leads students to achieve at a high level both socially and academically.

How will participation in TLC help students successfully matriculate to the next level of study?

The blend of mentoring, enrichment, and field studies helps our students to grow into empathetic and engaging individuals who are ready for high school and college.

2721 Decker Boulevard, Columbia, SC 29206
803.699.2750 - www.dms.richland2.org



LANGUAGE IMMERSION

E.L. Wright

LANGUAGE IMMERSION AT E.L. WRIGHT MIDDLE SCHOOL

Our Mission

In collaboration with all community stakeholders the Language Immersion program at E.L. Wright Middle school seeks to develop bilingual, bi-literate, academically proficient, and culturally competent 21st century learners through engaging and challenging academic opportunities.



listen in Spanish. If the student's proficiency is at a level determined to be equivalent to his/her grade level peers, the student will be cleared to apply for the program within the district's choice system.

What makes this program unique?

The Language Immersion program at E.L. Wright is a continuation of our elementary dual language immersion program at Polo Road Elementary. Students enter our program with natural fluency, a native-like accent, intermediate to advanced proficiency levels, and vast content knowledge in Spanish. In middle school, the content shifts away from math and science in Spanish to social studies. In addition, students will engage in a language and literacy course designed to provide a balance that pairs exploration of countries and cultures with focused instruction in spelling, grammar, and other language skills needed to demonstrate advanced language proficiency, including strong reading, writing, and conversational skills in Spanish.

What type of student would benefit from this program?

Students who exit our elementary Dual Language Immersion program at Polo Road Elementary are guaranteed placement in our program at E. L. Wright. Students who are coming from a school with a Spanish immersion program, have attended school in a Spanish-speaking country, or are from a Spanish-speaking country are welcome to apply to the program. Students who did not exit our elementary program at Polo Road, will take an assessment to determine the child's ability to read, speak, and

How will participation in this magnet program help students successfully matriculate to the next level of study?

As students move through our language immersion program, we remain committed to our initial goal for them to become bilingual and biliterate, and able to successfully navigate multiple cultures in their lives and careers. Participation in the Language Immersion magnet, will prepare students for the next stage of their language development, whether this is pursuing Advanced Placement (AP) or International Baccalaureate (IB) studies, entering a dual-enrollment program at the college level, or using their language skills in the workplace. Students will also be eligible to apply for the South Carolina Seal of Biliteracy, an award that advances the state's commitment to preparing every learner for college- and career-readiness in an increasingly international community by recognizing learners who attain levels of proficiency in English and at least one other world language required in the global workforce.

2740 Alpine Road, Columbia, SC 29223
803.736.8740 - www.elw.richland2.org



LEADERSHIP ACADEMY AT E.L. WRIGHT MIDDLE SCHOOL

LAW at E. L. Wright is an innovative academic program with a strong integration and emphasis on developing and cultivating leaders. It couples the Core Knowledge curriculum with an emphasis on leadership skills. It is a school-within-a-school..



What makes LAW unique?

Transition from regular citizen to effective leader takes time and effort. LAW students explore six stages of leadership skill development: awareness, change, commitment, action, renewal, and facilitation. The Seven Habits of Highly Effective Teens, by Sean Covey, is an integral part of the leadership development. Middle school is the best time for young people to start discovering their leadership potential. The Leadership Academy at Wright offers a variety of leadership paths for students to follow. All LAW students are expected to take part in service-learning opportunities.

We believe it is important for students to have many opportunities in their learning and growth, both intellectually and socially. As such, twice a month, we have an extended day until 5:15 p.m. for seminars, field studies, and symposiums. Students, teachers, parents, and community members have an active part in these extension components in this small learning community.

What type of student would most benefit from participating in LAW?

LAW accepts applications from fifth, sixth, and seventh grade students residing in Richland School District Two.

What are the pillars of leadership?

- Citizenship
- Worthiness
- Respect
- Responsibility
- Fairness
- Trustworthiness



KELLY MILL MED PRO MIDDLE SCHOOL

Kelly Mill Med Pro Middle School is the only middle school in the district offering a school-wide STEAM magnet with a medical focus curriculum (STEAMM). In this new magnet, students will learn through inquiry-based activities in science, technology, engineering, mathematics, and medical collaborative projects.



Mission

Kelly Mill Med Pro Middle School Magnet will prepare learners for 21st century demands through an innovative interdisciplinary STEAMM environment that immerses learners in real world project-based experiences dedicated to science, technology, engineering, artistic endeavors, math and medicine.

What makes Med Pro unique?

Kelly Mill is the only middle school with a school-wide STEAMM focus, that is not selective. Any student that is zoned or chooses to Kelly Mill is a Med Pro Magnet student. By the end of implementation of the Magnet School Assistance Program (MSAP) grant, all students will have access to a campus medical lab to learn about personal health vitals and be exposed to medical and health science careers. Additionally, Med Pro Magnet students receive training on college and career readiness through AVID (Advancement Via Individual Determination) and continue character development with the 7 Mindsets initiatives.

What type of student would most benefit from participating in Med Pro?

A well rounded student who takes responsibility for his or her learning and academic success would benefit from the Med Pro

Magnet. By participating in the magnet, students will be actively engaged in a collaborative environment where all classes integrate a science, technology, engineering, arts, mathematics and or medical component. Students who complete their middle school years at Kelly Mill will be academically prepared for high school.

How will participation in Med Pro help students successfully matriculate to the next level of study?

As a participant of the Kelly Mill Med Pro Middle School Magnet, a student will experience academic success and meet the challenges of the state's content and achievement standards. Because this magnet is a part of the K-12 continuum, Kelly Mill is a school of choice for parents who want their children to further their STEAMM focused learning at Ridge View High School.

1141 Kelly Mill Road, Blythewood, SC 29016
803.691.7210 - www.kmm.richland2.org



KELLY MILL, INC.
Magnet Program

KELLY MILL, INC. MAGNET PROGRAM

Kelly Mill, INC. is a school-within a-school magnet program offering a unique middle school experience, engaging students with broader and deeper depth of content, fast paced, and an embedded global and economics strand. INC. students pursue an education designed to equip them with the skills necessary for leadership and success in their chosen career field in the face of mounting pressures of competition from around the world.



Mission

At Kelly Mill, INC., our vision is to educate students to become innovative and ethical business leaders through the incorporation of the business process model into the core curriculum so that students will be those citizens who will lead, create, and meet the challenges of a flat and competitive world. Skillful economic strategy will separate those who lead from those who lag behind.

What makes INC. unique?

The INC. magnet theme of business and entrepreneurship is integrated throughout the school day in all courses of study through the use of the Business Process Design model. INC. seeks to use the perspective of analyzing, improving, and maintaining the viability of a business. This model is intentionally taught in all grade levels and is used in conjunction with the interdisciplinary units that are part of the INC. curriculum. Interdisciplinary units focus on entrepreneurship, collaboration and inventive thinking, global awareness, and critical issues in society.

What type of student would most benefit from participating in INC.?

The rigor and complexity of the INC. magnet program demands that students be highly intellectual and motivated. In order to be

successful in the program, students should be able take responsibility for their own learning, set goals for themselves, and self-monitor the achievement of those goals.

How will participation in INC. help students successfully matriculate to the next level of study?

Participation in the INC. magnet program successfully prepares students for the many high school magnet programs within the district, as well as honors level classes in all content areas. The INC. theme of business and entrepreneurship will be especially beneficial to those students who seek to become students in the Scholar's Academy Magnet for Business and Law at Ridge View High School, and the many business and economics classes being offered at the Richland Two Institute of Innovation (R2i2).



LONGLeAF ENGINEERING AND ARTS PROGRAM (LEAP)



Longleaf Engineering and Arts Program (LEAP) is a framework for teaching and learning which emphasizes concepts and skills in science, technology, engineering, arts, and math to equip students with tangible, marketable skills. STEAM delivers high quality education to ALL students, preparing them for a growing variety of careers in a global society.

What makes LEAP unique?

At Longleaf Middle School, we believe that every student can think like an engineer! We developed our engineering mindset to use as a model for solving problems, innovating new and creative solutions, and analyzing how others have transformed our world. The students develop skills as 21st century learners, emphasizing collaboration as they prepare to engage the future!

What type of student would most benefit from participating in LEAP?

Students who have a love for designing, building or creating, and have a flair for the arts would benefit greatly from our LEAP program. We use a hands-on, minds-on approach to learning that is project or inquiry based.

Technology

Vast technology resources are seamlessly infused for daily use in all classrooms. Having access to so much allows teachers to easily differentiate instruction and develop authentic tasks to better meet the needs of individual students:

- Alternative Energy,
- Environment and Ecology,
- Digital Music,
- Adobe Creative
- Design Suite
- Classworks
- Learn360
- 3-D printing

SCHOOL OF ZOOLOGICAL



& BOTANICAL STUDIES

LONGLEAF MIDDLE SCHOOL • COLUMBIA, SC

SCHOOL OF ZOOLOGICAL AND BOTANICAL STUDIES (ZOOBOT) AT LONGLEAF MIDDLE SCHOOL



The School of Zoological and Botanical Studies (ZooBot) is an interest-based middle school magnet program that provides a place for students to excel through hands-on, real world, project based learning experiences in the natural world. This is achieved through monthly off campus field experiences, project-based learning in the classroom, along with enhanced curriculum to include multiple community partners such as PAALS, Camp Discovery, and Riverbanks Zoo.

Mission

The ZooBot magnet program promotes the care and conservation of living things and the environment through inquiry based learning. We train our students to be global citizens who learn through research, data collection, collaboration and presentation of their work as well as reflection to promote self-assessment and revision.

What makes ZooBot unique?

This program is unique as it is one of the only environmental education magnet programs in the state, and among the few in the nation. It is also the only magnet program that includes monthly off campus learning experiences as part of the curriculum to allow students to experience the natural world. ZooBot provides students

with a sense of belonging because they are with like-minded peers who also enjoy exploring the outdoors. The three years the students spend together create a community and a strong bond with their teachers and peers that follows them to high school.

What type of student would most benefit from participating in ZooBot?

This magnet program is for students who are passionate about the care and conservation of living things and the environment. These students enjoy being outdoors regardless of weather and experiencing nature whether thru hiking, observations etc. Students must be self-motivated to excel in this program as independent research and project based learning are prevalent.

How will participation in ZooBot help students successfully matriculate to the next level of study?

The ZooBot magnet program successfully assists students as they move to the next level of study by creating confident, self-motivated, problem-solvers who have real world science experiences. The students in this program are prepared with the 21st century skills needed to be successful in the real world.



LEADERSHIP ACADEMY AT MULLER ROAD MIDDLE SCHOOL

The Leadership Academy at Muller Road (LAM) is an innovative academic program with a strong integration and emphasis on developing and cultivating leaders. As a district magnet program, it provides a rigorous honor-level curriculum based on E.D. Hirsch's Core Knowledge with an emphasis on school, community, and global leadership skills called Core Competencies.



Mission

Every child should learn the fundamentals of science, basic principles of government, important events in history, essential elements of mathematics, widely acknowledged masterpieces of art and music from around the world, and stories and poems passed down from generation to generation.

What makes LAM unique?

The Leadership Academy provides the knowledge necessary for higher levels of learning and helps build confidence; offers opportunities for community members to play an integral role in the instructional process; and promotes a community of learners to include both adults and children.

In order to meet the needs of the rigorous dual-curriculum requirements that come from combining Core Knowledge with the South Carolina State standards, students will participate in Extended Learning Days once a month. On these days, students will stay after school until 4:45 p.m. During this time, students can expect to participate in activities either on or off campus. These activities are designed to complement the learning taking place in classrooms.

What type of student would most benefit from participating in LAM?

The Leadership Academy couples the rigor of the Core Knowledge Curriculum with an emphasis on leadership skills and civic engagement to create an innovative academic program that meets the needs of highly self-motivated average and above-average students.

What are the Pillars of Leadership?

- Citizenship
- Worthiness
- Respect
- Responsibility
- Fairness
- Trustworthiness

GET FIT



Magnet Program

ACADEMY OF EXERCISE PHYSIOLOGY & SPORTS MEDICINE (GET FIT) AT SUMMIT PARKWAY

The goal of The Academy of Exercise Physiology and Sports Medicine (Get Fit) is to prepare our students to pursue careers related to the support of healthy lifestyles and to guide students in becoming role models for exemplary health and wellness.



Mission

The mission of The Academy of Exercise Physiology and Sports Medicine is to provide a curriculum that offers collaborative instruction between the specialized Get Fit class, ELA, Math, Science, and Social Studies core classes. Through course work, field studies, and family nights, our students will develop qualities that promote leadership, responsibility, and good decision making while maintaining a healthy lifestyle.

What makes Get Fit unique?

This program is unique in that it is the only Health and Fitness magnet. Students study human anatomy, physiology, and mechanics of movement. They learn about health issues related to personal safety, good nutrition, and the proper treatment of athletic injuries. They also receive training and certification in CPR and First Aid.

Monthly Family Nights are a highlight of the program where students and parents come together and explore topics focusing on maintaining healthy lifestyles.

What type of student would most benefit from participating in Get Fit?

This magnet program is designed for students who are interested in learning more about their physical, mental and social health. Get Fit students are passionate about striving to live a healthy lifestyle, setting goals, and exploring health science careers. Students must be motivated to enjoy a variety of physical activity opportunities, develop leadership skills, and become citizen responders within their communities.

How will participation in Get Fit help students successfully matriculate to the next level of study?

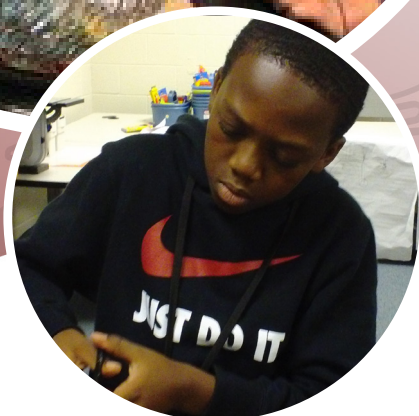
The Academy of Exercise Physiology and Sports Medicine is a three year program open to 80 students at each grade level. The program is designed for enthusiastic students and parents who recognize and appreciate the importance of establishing and maintaining a healthy lifestyle. The programs also prepares those students who might choose to pursue a medical, health, or wellness related career.

200 Summit Parkway, Columbia, SC 29229
803.699.3580, ext. 3418 - www.spm.richland2.org



STEM INSTITUTE OF DESIGN AND INNOVATION (SIDI) AT SUMMIT PARKWAY

The STEM Institute of Design and Innovation (SIDI) is a grade level through honors level interest-based school-within-a-school middle school magnet program. The program focuses on using problem-based learning to integrate design thinking, science, technology, engineering, and math that challenges students to create solutions to problems as young researchers, designers, and innovators. Students are exposed to varied experiences in and out of the classroom, including opportunities to interact with experts in the fields of science, technology, engineering, and mathematics.



Mission

The STEM Institute of Design and Innovation magnet program fosters innovation through design thinking & authentic experiences to provide students with the knowledge, skills & competencies to competitively pursue careers in any science, technology, engineering, and math (STEM) field.

What makes SIDI unique?

This program is unique as it is one of the few magnet programs in the region that teaches the design-thinking process. Students are given the opportunity to visit major corporations and institutions within the state such as Boeing, BMW, Michelin, Benateau Boat Manufacturing, Florence/Darlington Technical College's Southeastern Institute of Manufacturing and Technology, and the University of South Carolina's College of Engineering and Computer Science. They also interact with experts in various fields of science, engineering, and technology on a regular basis. SIDI provides opportunities for students who love science, technology, engineering, and/or math to interact on a consistent basis with like-minded peers in an environment infused with innovative thinking.

What type of student would most benefit from participating in SIDI?

This magnet program is for students who are passionate about science, technology, engineering, and/or mathematics topics. These students enjoy computer programming, asking lots of questions, and observing their environment. They enjoy collaborating with their peers to solve problems. Students must be self motivated as independent research and project based learning are major components of the program.

200 Summit Parkway, Columbia, SC 29229
803.699.3580, ext. 3418 - www.spm.richland2.org

A photograph of four diverse high school students (two boys and two girls) standing in a school hallway, smiling at the camera. They are all wearing backpacks. The background is a blurred hallway with bookshelves.

HIGH SCHOOLS





CAVPLEX CONVERGENCE MEDIA AT RICHLAND NORTHEAST HIGH

CavPlex Convergence Media is an academic elective magnet at Richland Northeast High School. CavPlex students receive instruction in scholastic journalism and participate in the award-winning student media at Northeast. The program offers students a way to learn about communication and technology together, while producing real world products for a genuine audience.



Mission

Convergence Media at Richland Northeast High School seeks to produce communicators who are proficient in journalism's most up-to-date methods, tools and techniques.

What makes CavPlex unique?

Students surveyed have described Convergence Media class as a bright spot in their day. They are able to be active and move around in class. They take ownership of projects that are student generated and student managed. Through CavPlex, students can participate in state, regional and national scholastic journalism conferences to learn more about the field and to compete against other school's publications and broadcasts. Journalism 3 and 4 students receive honors credit.

What type of student would most benefit from participating in CavPlex?

A number of students in CavPlex are interested in future careers in media or related fields. The vast majority go into other professions. Whatever their higher education and career goals, students report being well served by the experience of participating in student media. They learn to be better communicators, to work on deadline and to serve as both members and leaders of teams. CavPlex is great

for students who want to be involved in their school by reporting on its people and programs.

How will participation in CavPlex help students successfully matriculate to the next level of study?

In CavPlex, deadlines are real. Students learn to manage a project from beginning to end. Graduates who return report that the strong communication skills gained in CavPlex are an asset in college and beyond.

7500 Brookfield Road, Columbia, SC 29229
803.699.2800 - www.rne.richland2.org



HORIZON AT RICHLAND NORTHEAST HIGH

What is Horizon?

The Horizon Magnet program is a rigorous learning community for driven, motivated, and academically talented students. Horizon promotes collaborative learning and leadership building for intellectually motivated students who strive for academic success with a global perspective within a broad and balanced curriculum. Driven by our commitment to Global Awareness and the necessity to make a difference both locally and globally through voice and action, our Horizon magnet scholars embrace opportunities (both in and out of the classroom) to broaden their perspective about our world and to showcase skills and talents that are aligned with their interests and values, with the goal of making a difference for the greater good.



The program admits up to 44 rising ninth graders each year, keeping Horizon classes to approximately a 22:1 student-teacher ratio. Recommended prerequisite coursework for ninth graders is one credit of Algebra 1, one credit of English 1, and one credit in a foreign language. All applicants complete an interview and writing sample. Teacher recommendations, grades, and test scores are reviewed as well.

Rising tenth graders may apply also for admission to Horizon. Recommended prerequisite coursework for tenth graders is one credit of Algebra 1 and Geometry, one credit of Honors English, and two years of foreign language. In addition, an interview and writing sample are required. Teacher recommendations, grades, and test scores are reviewed as well.

Mission

Richland Northeast High School's Horizon magnet program, in partnership with our local community, will cultivate learners who are culturally competent, have a knowledge of local and global issues, embrace opportunities to engage and take action, and graduate college and career equipped with the critical thinking and problem solving skills that will help make the world around them a better place.

What makes Horizon unique?

Horizon magnet students earn one AP credit in both 9th and 10th grade. Authentic classroom engagements, coupled with adventurous field study opportunities, help ensure unique learning experiences that are long remembered. In addition, students complete 20 hours of community service, and they attend a minimum of four cultural events each year. In fulfilling these requirements, students have the opportunity to reflect on the Horizon magnet program's mission.

What type of student would most benefit from participating in Horizon?

Students who would most benefit from the Horizon magnet program will:

- be highly motivated and academically talented
- be encouraged to think independently and drive their own learning
- welcome and embrace cultural exchanges
- welcome opportunities to engage and reflect on an increasingly globalized, rapidly changing world

7500 Brookfield Road, Columbia, SC 29229
803.699.2800 - www.rne.richland2.org



PALMETTO CENTER FOR THE ARTS

HORIZON AT RICHLAND NORTHEAST HIGH

The Palmetto Center for the Arts is the Visual and Performing Arts Magnet for Richland School District Two. The program, which includes dance, music, theatre and visual arts, is nationally recognized as a National School of Distinction in Arts Education by the John F. Kennedy Center and is the recipient of the John F. Kennedy Creative Ticket Award for outstanding achievement in arts education. PCA offers students an innovative, yet challenging environment with a comprehensive conservatory-style curriculum in both the arts and academics, along with the competitive edge to enter top-level colleges, universities or conservatories.

PCA is designed to challenge the student academically, as well as artistically. The program of studies accommodates those students who wish to take honors-level and Advanced Placement courses, as well as those who prefer a regular college prep curriculum. The PCA Arts Magnet Program is designed to meet the needs of a broad spectrum of high school students who are gifted and talented in the arts. Courses feature small-class sizes and incorporate the best practices in teaching, addressing multiple intelligences, higher-order thinking skills, learning styles, research, and an active engagement of the students through a challenging standards-based Arts curriculum.

What is required of students accepted into PCA?

Students accepted into the arts magnet must earn a minimum of six arts credits in their major arts area. They must also complete a senior project and an extended-hours requirement to be determined by instructors in each arts discipline. PCA students who complete all requirements of the arts magnet will receive a fine arts certification with their diploma upon graduation.

For what art areas may students audition?

Students may audition for dance, music (vocal, band, and strings), theatre and visual arts.



What does the audition process involve?

Audition requirements are based on state guidelines for Gifted and Talented Education for each arts discipline, and require completion of an application and an audition that includes a performance or portfolio demonstration of the student's potential, as well as recommendations from a teacher and a guidance counselor. Auditions will be adjudicated by a panel of professionals. The decision of the judges is final. Natural talent, prior training, level of interest in and commitment to the arts are evaluated. Previous training or experience is not required to be accepted.

Are students permitted to audition for more than one art area?

Yes, students may audition for as many as three arts areas, but can be accepted into only one. Students auditioning for multiple art areas must indicate their preference on the application by ranking their choice of art areas as 1st, 2nd or 3rd.

Who is eligible?

Admission into PCA is by audition and open to rising freshmen who have at least a "C" average and rising 10th grade transfer students. Auditions are held during CHOICE 1 and CHOICE 2, as well as our internal auditions in August. If you are a rising junior or senior and would like to discuss your eligibility please contact the PCA Director

7500 Brookfield Road, Columbia, SC 29229
803.699.2800 - www.rne.richland2.org



ALLIED HEALTH SCIENCES MAGNET AT RIDGE VIEW HIGH SCHOOL



Allied Health Sciences at Ridge View

Are you interested in earning career certifications like Basic Life Saving, Concussion, and Certified Nursing Assistant? Do you want to create a superbug and treat it with an antibiotic? Do you think you can make bacteria glow? If so, Allied Health Sciences is the program for you. From the moment students walk into the classroom, they begin working toward a certified nursing assistant certification. Students explore a range of careers in biomedical sciences as they learn content participating in hands-on, real-world activities and projects. The Project Lead The Way (PLTW) Biomedical courses promote collaboration, critical thinking, innovation, and communication.

Mission

Allied Health Sciences engages students in a challenging and competitive educational environment through a comprehensive course of study in science, mathematics, technology, literacy and other areas as they apply to the needs of our global society. Allied Health Sciences offers college preparatory/honors students a dynamic, rigorous curriculum. Magnet seminar courses, based on the nationally recognized Project Lead The Way (PLTW) Biomedical Sciences program, uses real-world and hands-on learning experiences.

What makes Allied Health unique?

The Allied Health Sciences gives students the opportunity to participate in experiential learning tailored to the Project Lead the Way curriculum. Students will analyze a crime scene, determine the identity of a missing person, identify the cause of an infectious disease outbreak, and innovate a medical invention. Students will also enroll in courses within Health Science and Sports Medicine in order to earn a certification as a certified nursing assistant, heat stroke, concussion, and basic life saving.

What type of student would benefit from Allied Health?

The Allied Health Sciences Magnet program is for motivated college

preparatory/ honors students that want to focus on science, math and technology. The innovative curriculum focuses on building 21st century skills related to the health care industry including collaboration, critical thinking and innovation. Students graduating from the Allied Health Sciences magnet program have goals to be nutritionists, veterinarians, nurses, physical therapists and athletic trainers.

How will participation in Allied Health help students successfully matriculate to the next level of study?

Allied Health Sciences magnet students participate in college preparatory/ honors courses and earn up to 12 college credits as part of the Project Lead the Way curriculum. Students graduating from the Allied Health Sciences magnet program attend prestigious colleges and universities earning scholarship money.

Eligibility

Applicants must take Algebra 1 and English 1 CP as freshmen. Students will be selected based on their application, test scores, teacher recommendations, historic grades, a math and ELA assessment, and interviews by current faculty members.

4801 Hard Scrabble Road, Columbia, SC 29229
803.699.2999 - www.rv.richland2.org



BIOHEALTH SCIENCES MAGNET AT RIDGE VIEW HIGH SCHOOL

BioHealth Sciences at Ridge View

Are you ready to solve a murder mystery? Do you think you can stop the spread of a deadly disease? If so, BioHealth Sciences is the program for you. From the moment students walk into the classroom, they begin solving a mysterious death. Students investigate, document, and analyze evidence to solve real world problems. Students explore a range of careers in biomedical sciences as they learn content participating in hands-on activities and projects. The Project Lead The Way (PLTW) Biomedical courses promote collaboration, critical thinking, innovation, and communication. The program aims to engage students in a challenging and competitive educational environment through case-based scenarios focused in science, mathematics, and technology.



Mission

The Institute for Health Sciences mission is to engage students in a challenging and competitive environment to develop critical thinking and problem solving skills through a comprehensive course of study related to the health sciences. The vision is to support students in becoming self-directed learners that ask questions necessary to develop solutions or additional questions for 21st century problems.

What makes BioHealth unique?

The BioHealth Sciences program is unique because of the collaboration, critical thinking, innovation, and communication skills that are fostered through the Project Lead the Way curriculum. Students will solve a mysterious death, build the human body out of clay, create a superbug and test antibiotic resistance, and redesign an emergency room.

What type of student would benefit from BioHealth?

The BioHealth Sciences Magnet program is for highly achieving honors students that want to focus on science, math and technology. Students must be motivated and possess critical thinking skills in order to solve real world healthcare issues. BioHealth graduates pursue careers as doctors, nurses, physical

therapists, genetic counselors, biochemists, biomedical engineers, and computer science engineering.

How will participation in BioHealth help students successfully matriculate to the next level of study?

BioHealth Sciences magnet students participate in AP courses and earn up to 12 college credits as part of the Project Lead the Way curriculum. Students develop critical thinking skills that help them solve real world issues and present their finding to professionals. They also complete an internship in the career field of their choice. Students graduating from the BioHealth Sciences magnet program attend prestigious colleges and universities earning scholarship money.

Eligibility

Applicants must have completed Algebra 1 in middle school. Students will be selected based on their application, test scores, teacher recommendations, historic grades, a math and ELA assessment, and interviews by current faculty members.

4801 Hard Scrabble Road, Columbia, SC 29229
803.699.2999 - www.rv.richland2.org



A MED PRO MAGNET AT RIDGE VIEW HIGH SCHOOL



Med Pro Magnet at Ridge View High School focuses on engaging students in creating healthy communities through developing their medical knowledge and skills to advocate for their current and future needs. As we frame this within the Profile of the South Carolina Graduate, which guides South Carolina's educational philosophy, we mold 21st-century citizens who will be able to facilitate the enhancement of the world around them. The magnet theme is centered around Science, Technology, Engineering, Arts, Math, Medical (STEAMM), and AVID (Advancement Via Individual Determination). AVID's WICOR strategies (writing, inquiry, collaboration, organization, and reading) anchor our STEAMM curriculum integration while providing the tools to create a culture of experiential learning. All students attending Ridge View participate in AVID and STEAMM integrated curriculum activities.

Mission

Ridge View High School: A Med Pro Magnet offers a premier learning environment by providing authentic, collaborative, engaging, and meaningful learning experiences and opportunities that prepare students for the 21st-century challenges and responsibilities of global citizenship.

What makes AiMS unique?

STEAMM integration and AVID best teaching strategies is used as access points to foster a challenging, engaging, healthy, safe, and supportive approach to learning. The Med Pro student can tailor their high school experience by being a part of one of the eight smaller learning communities. The motto, It's all AT THE VIEW, and the tradition, We expect success in the 4 As: Academics, Activities, Arts, and Athletics translates to our vision, We prepare today for success tomorrow.

How will participation in AiMS help students successfully matriculate to the next level of study?

Terry Gunn, Chief Executive Officer - Midlands Division of the Medical

University of South Carolina stated, "RVHS: A Med Pro Magnet continues to impress us with their relentless pursuit of excellence. The efforts of the district and school leadership have transformed the curriculum so that all students are immersed in AVID best teaching strategies and STEAMM integration, where learning is authentic, collaborative, and engaging. This starts with the educator, and RVHS: A Med Pro Magnet faculty are committed to enhancing their own skills. MUSC Health is dedicated to the pursuit of changing what's possible in health care, and we know this work starts with the next generation of healthcare professionals. Thanks to the tireless efforts of our partners at RVHS: A Med Pro Magnet, we are very optimistic for the future quality of healthcare professionals and the impact they will make on our state, nation, and the world."



Scholars Academy Magnet for Business and Law at Ridge View High School offers broad exposure to the student's chosen magnet strand through an in-depth study of various topics and engagement problem-based learning that extend students' understanding of legal, finance and business issues and concepts in the 21st century. Through an enriched personalized program of interdisciplinary study, students develop a better understanding of their field of study and are better prepared to serve the community.

SCHOLARS ACADEMY MAGNET FOR BUSINESS AND LAW **MAGNET** **AT RIDGE VIEW** **HIGH SCHOOL**



Mission

The Scholars Academy Magnet for Business and Law is designed to provide students with a comprehensive and immersive educational experience in the fields of business management, entrepreneurship, and legal studies. Our mission is to equip students with the knowledge, skills, and critical thinking abilities needed to succeed in college and beyond, fostering future leaders who are well-prepared for careers in business and law.

What makes Scholars Academy unique?

The Scholars Academy has been a part of the school community for over 20 years and was developed with input from every academic department with the notion of educating the whole child. Thus the emphasis is on critical thinking, experiential learning and skill building in every curricular pursuit in order to develop multiple modalities within a child. The Scholars Academy Magnet for Business and Law was the first program in Richland Two to be accepted as a certified College Board AP Capstone diploma program and focuses on real-world problem-based learning that makes the community the classroom, challenging students to put their skills to work in front of authentic audiences to create change for the better.

What type of student would benefit from Scholars Academy?

Highly motivated students seeking a challenging liberal arts academic curriculum would most benefit from this program.

How will participation in Scholars Academy help students successfully matriculate to the next level of study?

The Scholars pathway provides a unique and dynamic educational experience, fostering the next generation of business leaders and legal professionals. With a focus on academic excellence, practical experience, and personal growth, our program prepares students to thrive in a competitive and ever-changing global landscape. The success of this multidisciplinary approach is demonstrated by the fact that Scholars Academy graduates now average completion of eight AP courses. Last year 69 percent of senior Scholars qualified as AP Scholars or AP Scholars with Honor, meaning they earned a semester or more of college credit through Advanced Placement exams.



Discovery at Spring Valley is a rigorous, honors/ AP four-year program designed for students with special motivation, interest, aptitude, and commitment to the study of science and math. Students focus on problem-based learning with an emphasis on both the theory and application of science and mathematics. While maintaining the normally intensive honors level courses of the traditional high school curriculum, Discovery students engage in individualized laboratory-based research during their sophomore and junior years under the guidance of a school or community mentor. Students are expected to earn a minimum of six Advanced Placement credits (AP Seminar, AP Research, one in the area of science, one in the area of mathematics, and the other two coming from the wide range of AP classes offered by Spring Valley.)

DISCOVERY AT SPRING VALLEY HIGH SCHOOL



Mission

The Discovery teaching team is committed to helping our students achieve high goals through high expectations. The focus is to prepare graduates for top-tier colleges and universities and a life of challenge and fulfillment.

What makes Discovery unique?

The hallmark of the Discovery program is the research done by students their sophomore and junior years. Freshmen begin developing research skills through the initial AP Capstone course, AP Seminar. During their sophomore year in Research 1 and in preparation for AP Research, students complete a research project of their choosing and present their findings at the South Carolina Junior Academy of Science Symposium and the University of South Carolina Region II Science and Engineering Fair. Juniors enroll in AP Research, the second AP Capstone course, and use the skills learned in AP Seminar and Research 1 to complete an independent research project and scholarly research paper for submission to the College Board as well as the research competitions in which they participate. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

What type of student would benefit from Discovery?

Highly motivated students with a particular interest and aptitude for the study of science and math will benefit the most from the Discovery rigor and research components. Most Discovery students are well-rounded and participate in at least one (usually more) extracurricular activity such as orchestra, band, an athletic team, and/or Student Council. Students are encouraged to pursue research projects in any science or math area that interests them.

How will participation in Discovery help students successfully matriculate to the next level of study?

Many students are awarded scholarships based on their participation in research competitions, and they may move on to compete at national and international levels. The students' research projects and competitions are completed in time for students to include this information in college and scholarship applications during their senior year. Moreover, Discovery graduates have excellent time management skills, are well-prepared for any college course of study, and historically have been extremely successful in college and their future careers.



EXPLORATIONS AT SPRING VALLEY HIGH SCHOOL



Explorations is a four-year, college preparatory program designed with threads of forensic science and integrated career exploration throughout all magnet courses. Additionally, science, mathematics, and the communication skills needed to compete in the technological career areas of the future are emphasized. Explorations students participate in problem-based learning, both in the classroom and in their senior apprenticeship positions. Students in the program are required to complete a 200-hour internship after their junior year with a business in the community that allows them to explore their chosen career path.

Mission

The goal of this program is to provide every opportunity for the student to experience the joy and excitement of learning mathematical and scientific concepts and then apply these concepts to areas such as forensics. In addition, students are able to refine their options for career choices in the future through the 200-hour internship opportunity.

What makes Explorations unique?

The culminating activity for the Explorations program is the senior internship. For this internship, the student is expected to volunteer or gain employment with a business in an area consistent with the student's future career plans. During this internship, students refine skills in communication, decision-making, problem-solving, organization, and other areas pertinent to the chosen career. For many of our students this experience solidifies their future college and career path. For others, the internship allows the student to change their future course and avoid having to change majors or take unnecessary courses in college.

What type of student would benefit from Explorations?

Students who would benefit most from the Explorations magnet program are academically well-rounded and do well in math and

science courses. Explorations students should have inquisitive minds and enjoy hands-on learning experiences. These students are eager to learn and explore potential career paths. Explorations students generally participate in sports, student council, drama, band, and various clubs.

How will participation in Explorations help students successfully matriculate to the next level of study?

Students who participate in the Explorations magnet program are well-prepared for a challenging four-year university. Explorations students hone communication skills and learn problem solving strategies through challenging and rigorous coursework. Moreover, these students are more prepared than most high school graduates because they complete a 200-hour internship, which provides real world experience in a field that they are interested in studying in college. Colleges and future employers look favorably on students who have this internship experience.

120 Sparkleberry Lane, Columbia, SC 29229
803.699.3500 - www.svh.richland2.org



The Institute of Research, Engagement, & Design (iRED) is a Nationally Certified Demonstration schoolwide magnet at Westwood High School. Students engage in design-based learning and research focused on science, technology, engineering, the arts, and mathematics, otherwise known as STEAM. Project and design based curricula provide students with work that advances learning through real-world projects. Students engage collaboratively in their classes, as they master not only the content but also the skills necessary to be successful in the 21st century, like communication, critical thinking, and creativity. Additionally, as an Arts in Basic Curriculum Integrated Arts High School, Westwood offers an emphasis on the arts and opportunities to participate in visual and performing arts. The result is incredible original student work, innovative solutions, and new insights that have real impact on the community.

INSTITUTE OF RESEARCH, ENGAGEMENT, & DESIGN (iRED) AT WESTWOOD HIGH SCHOOL



Mission

iRED prepares students to be globally-minded, responsible citizens through an interdisciplinary, collaborative curriculum in the sciences, technology, engineering, the arts, and mathematics.

What makes iRED unique?

iRED is a unique school-wide magnet that strives to give all students opportunities to learn in collaborative, design-based environments. While the iRED magnet encompasses the entire school, we also have a variety of programs to suit any student's interests and future goals. The iRED magnet curriculum is not prescriptive; students can customize their high school experience to suit their passions and needs. Students can explore a number of different courses, programs, and interests throughout their experience, and identify new talents and interests along the way. The programs include fire management, EMS, engineering, sports medicine, computer science, business marketing, health science, digital art, teacher cadet, journalism and media arts, and more.

What type of student would benefit from iRED?

iRED benefits students looking for a challenging curriculum in the sciences and arts, students who wish to explore career opportunities through varied coursework in areas that interest them, like engineering, firefighting, medicine and nursing, performing

arts, computer programming, and broadcast journalism, and students who want to grow their 21st century skills like creativity and collaboration. Students looking for real-world work will find it in iRED.

How will participation in iRED help students successfully matriculate to the next level of study?

Participation in iRED prepares students with world-class content knowledge in STEAM subjects and more, with worldclass skills like communication, critical thinking, innovation, and knowing how to learn, and with life characteristics like integrity and grit. Through four years of study, an iRED student will be prepared to attend college, pursue training and certification programs, join the military, enter the workforce, and pursue goals and interests at all levels.

180 Turkey Farm Road, Blythewood, SC 29016
803.691.4049 - www.wh.richland2.org



STUDIO D AT WESTWOOD HIGH SCHOOL

Learning in Studio D at Westwood High School begins with an authentic problem or "design challenge" that sparks student interest and engagement. Students then collaborate to research and embark on this challenge, using an innovative 5-stage design thinking process. Throughout this undertaking, students achieve academic standards while also developing empathy, creativity, independence, teamwork, and leadership. The work is "hands on" and human-centered. Students interview and investigate, collaborate with experts in the field, make discoveries, synthesize data, brainstorm solutions, seek feedback, and reflect on their process.



Mission

Studio D empowers students to think critically and creatively, to take risks, to innovate, and to collaborate on relevant design challenges. Rigorous interdisciplinary learning experiences allow students to learn key academic content, exceeding state standards and bringing that content to life through project-based learning and design thinking strategies. Human centered challenges allow students to develop empathy and engage in the world as they learn.

What makes Studio D unique?

Studio D is truly a one-of-a-kind magnet. Based on the methods and mindsets of the d.school at Stanford University, we emphasize open-ended inquiry and problem-solving, collaboration, process over product, continuous critique and revision, and reflection. We prepare students to be effective communicators, critical thinkers, problem solvers, and creative leaders in order to compete in the emerging global economy, while keeping empathy at the center of it all.

Three major beliefs drive our learning experiences: 1. Learning occurs best by doing. Our students deserve to learn in an environment that treats them as producers, not just consumers. 2. Students are leaders, innovators, and designers. Our students have dynamic and diverse talents, and we provide students with a platform to explore those

talents. 3. Our students deserve rigorous and meaningful learning experiences that foster powerful collaboration with professionals, business leaders, and community stakeholders.

What type of student would benefit from Studio D?

Students who thrive in Studio D are those who demand more from their education, those who enjoy finding diverse ways to approach a problem, and those who dream of working on real-world projects. Studio D students need to collaborate with others and experience their learning, not just hear about it. We are looking for students willing to revise work again and again until it is the best it can be to make a real difference in the world. We are looking for students who are, or who want to be, proactive, confident, imaginative, and reflective.

How will participation in Studio D help students successfully matriculate to the next level of study?

Studio D prepares students to be leaders and innovative designers in the college and career fields of their choice. Studio D provides students with enriched opportunities to gain and master interdisciplinary world-class content knowledge, world-class skills like communication, critical thinking, innovation, and knowing how to learn, and life characteristics like integrity, self-direction, global perspective, and grit. Studio D graduates are uniquely prepared to succeed in college, training and certification programs, the military, the workforce, and life.

180 Turkey Farm Road, Blythewood, SC 29016
803.691.4049 - www.wh.richland2.org

Frequently Asked Questions About Magnet Programs

What are magnet programs?

Richland Two's Magnet Programs offer learning opportunities related to various themes for interested students. Students from across the district may apply to a Magnet Program regardless of where they are zoned. The purposes of Magnet Programs are to meet students' diverse needs and interests by maximizing potential for learning and growth; encouraging creativity; maintaining high standards; and creating an awareness of career opportunities relative to the fields of study in which students may be interested.

My child appears to be interested in several Magnet Programs. How do we make the choice?

Parents are encouraged to acquire as much information about each program as possible. They are encouraged to attend the Choice Fair and school informational meetings, review the brochures and magnet program videos, visit the schools, talk to the Magnet Lead Teachers, and visit the website for more information.

May my child apply for more than one magnet or choice program?

Each student can apply for up to three programs.

Can a student with an Individualized Education Program (IEP) apply for Magnet Programs?

Students receiving special education may apply for choice to a magnet school, magnet program, virtual school, or another school within the district through the Choice program. During application periods, parents/guardians apply online and follow the district's school choice process. The decision to grant the choice request is based on the student's programming needs and program capacity at the school of choice. Richland Two adheres to state special education program capacity guidelines. Once a student is granted choice, all district transportation rules apply and the student is no longer eligible to receive district transportation, including Special Needs Transportation to and from school. Parents/guardians are responsible for transportation to their school of choice.

After my child is accepted into the magnet program, do I need to fill out an application every year to

allow my child to continue in the magnet program?

Magnet program students in grades (K–5), (6–8), (9–12), do not need to apply every year in order to remain in their magnet program. However, magnet program students in the fifth and eighth grades must apply to continue with a magnet program in middle and high school.

Once a student is granted attendance through Choice to a magnet school or program, can they lose the option to attend that school or program?

Choice is a program for students who reside in Richland School District Two. If a student moves outside of the district, the student can no longer attend any Richland School District Two school. Additionally, any student attending a school or program through Choice must maintain the following:

- Exemplary punctuality and attendance at school
- Cooperation with the school and/or program in regards to academic and disciplinary expectations
- Transportation to and from school.

How can I apply for my child to attend a Magnet school?

Parents may submit an electronic application during the application period in December–January. The selection is for the following school year.

How are elementary school students selected for Magnet schools?

Students submitting an application are selected through a random computerized process using the following criteria:

- Application submitted during the online application period
- School capacity

How are middle school or high school students selected for Magnet programs?

Students submitting an application for a selective program are selected through a process using the following criteria*: grades, test scores, writing samples, teacher recommendations, interviews, and application. Palmetto Center for the Arts requires an audition.

*Exception: FAME (Fine Arts and Media Enrichment

Frequently Asked Questions About Magnet Programs

Program) at Dent, Longleaf LEAP, Cavplex, Studio D and Westwood iRED have selection by lottery and no interviews, grade review, recommendations or writing samples are required.

Are siblings automatically accepted into the same Magnet program?

For elementary school students (with the exception of Center For Achievement), priority is given to siblings applying to a Magnet program where another sibling has been accepted. Siblings entering the same school that another sibling attends must be listed on the Magnet application form to be considered for priority placement. Placement is based on space availability.

For middle and high school selective Magnet programs, each student must be selected on his/her own merit. There is no sibling policy for middle and high school selective programs. However, a sibling may request a sibling transfer to attend the school (not the magnet) where the sibling's magnet is housed. (Download and fill out the Sibling Transfer Request Form.) For middle and high school programs with lottery selection, siblings can request a sibling transfer. (Download and fill out the Sibling Transfer Request Form.) Placement is based on space availability.

Is any priority given to an elementary Magnet student when applying to a middle school Magnet?

No. The only exception is for Center For Knowledge (CFK) students applying to Leadership Academy at Wright (LAW) and CFKN students applying to Leadership at Muller. Students at these schools meeting the entrance requirements for their respective Leadership magnets will be given priority placement.

Is it too late to submit an application to the Magnet programs?

Late applications are not accepted. Applications are submitted electronically and are only accepted during the three advertised application periods which usually occur:

Choice 1 — open and closes prior to Winter Break

Choice 2 — opens mid-April and closes mid-May

Specific dates can be found on the Choice Calendar online. All applications are time stamped.

Is there a waiting list for Magnet schools?

Schools and programs with lottery selection maintain a wait list by assigned lottery number. There is no waiting list for magnets with selective criteria. There is however an applicant pool and as vacancies occur, the Lead Teachers of the individual magnet programs will seat the most highly qualified students up to the 10th day of school. You will be contacted by the Lead Teacher if your student is selected.

Who provides transportation?

Parents of students participating in any of the district's Magnet programs must provide transportation for their children to and from school unless the child is zoned to the school where the magnet is housed. The inability of a student to meet the attendance expectations of the magnet school will lead to Choice being revoked and the student returning to their zoned school.

May students apply to both a Magnet program and Expanded Choice?

Students may apply to a magnet program and Expanded Choice.

How will families find out about their selection status?

Parents/students must log onto www.richland2.org/Choice to see if students were selected to attend a Choice School or Magnet Program. If selected for a Choice School or Magnet Program, students/parents must accept the seat by date indicated on the choice calendar. If not accepted by date listed, the seat will be given to another qualified student. If your child is not accepted to a Choice School or Magnet Program this year, you may reapply next year.

If a student did not accept a program during Choice 1, can they apply again during Choice 2?

Student who applied during Choice 1 and did not accept a seat in a magnet program may apply again in Choice 2. Please note, submitting an application for Choice 2 invalidates any applications submitted during Choice 1. Students accepting a seat in a magnet program during Choice 1 are ineligible to apply to other schools or programs during Choice 2.

If you have a similar question, please see how this response has been changed by SPED and Choice.

Students receiving special education may apply for

Frequently Asked Questions About Magnet Programs

choice to a magnet school, magnet program, virtual school, or another school within the district through the Choice program. During application periods, parents/guardians apply online and follow the district's school choice process. The decision to grant the choice request is based on the student's programming needs and program capacity at the school of choice. Richland Two adheres to state special education program capacity guidelines. Once a student is granted choice, all district transportation rules apply and the student is no longer eligible to receive district transportation, including Special Needs Transportation to and from school. Parents/guardians are responsible for transportation to their school of choice.

If approved for Choice, does the student need to apply each year?

If approved for a Richland School District Two School Choice program, a student does not need to apply yearly for the same program. Choice approvals are valid for the duration of a student's stay at the approved school until they change schools or move out of Richland School District Two. There are circumstances that will cause a student to have their Choice revoked pertaining to poor attendance, lack of cooperation with the school and academic performance in programs (magnets, AVID) that require maintenance of academic standards

How does Magnet Choice affect participation in interscholastic athletics?

The rules of the South Carolina High School League determine eligibility for interscholastic athletics and activities for middle and high school students. It is the parents' and students' responsibility to be aware of these athletic procedures before applying for a Choice option. Any student who accepts a Magnet program and participates in an athletic activity at the Choice school during the spring or summer (cheerleading tryouts, spring football practice, summer team camps) may have their eligibility affected. If you have questions regarding Choice and participation in interscholastic athletics, please contact your school's athletic director prior to applying for a Magnet program or a transfer to a school other than your zoned school. Additionally, many eligibility concerns are addressed in the athletics frequently asked questions



MAGNETS CONTACTS

Richland Two Director of Magnet Programs

Barbara Turner, bturner@richland2.org

Administrative Assistant, Charity Smith, 803-462-7081



MISSION STATEMENT

**IN PARTNERSHIP WITH OUR COMMUNITY,
WE EMPOWER STUDENTS TO DISCOVER THEIR POTENTIAL
AND PREPARE FOR A SUCCESSFUL FUTURE**

WWW.RICHLAND2.ORG/CHOICE

763 FASHION DRIVE, COLUMBIA, SOUTH CAROLINA 29229

803-787-1910

Richland School District Two is committed to providing equal access to educational and employment opportunities regardless of race, color, religion, national origin, disability, pregnancy, age, sex, sexual orientation, gender identity status, spousal affiliation, or any other protected characteristic, as may be required by law. Therefore, as required by Title IX and its implementing regulations, 106.8(b)(2)(i), Richland School District Two does not discriminate on the basis of sex in its educational programs and activities.

Visit the Richland Two website, www.richland2.org, for more information on the Richland Two Title IX Compliance Program.

Our District Title IX Coordinator can be reached at klarkins@richland2.org or (803) 738-3338.