



**W. A. Perry Middle School
S.T.E.A.M. and BLAST**

Mrs. Karen Ogen
STEM Consultant

Mrs. Lisa Payton-Johnson
Assistant Principal/STEAM Administrator

Mr. Scott Sayers
Assistant Principal

Ms. Tara Kelly
Assistant Principal

Mrs. Camelia Brown
Curriculum Resource Teacher

Ms. Sarah Steeves & Ms. Carolyn Gleaton
Medical Magnet

Ms. Shannon Rister
Technology Coordinator

Mrs. Ebony Lampkin
Aerospace/Flight

Mrs. LaShae Wallace-Hayes
STEM Careers Exploration I & II

W. A. Perry Middle School
Science, Technology,
Engineering, Art and Mathematics
2600 Barhamville Road
Columbia, SC 29204
803.256.6347



W.A. PERRY EAGLES
STEAM Pathways
Science...Technology...Engineering...Arts...Mathematics
STEAM-ulating Your Mind

<p>BLAST Aerospace</p> <p>6th – 8th</p> <ol style="list-style-type: none"> 1. Design 2. Automation & Robotics 3. Flight 4. Energy 	<p>Technology</p> <p>6th Gateway to Tech App Creators 7th Gateway to Tech App Creators Disc Computer Science 1 8th Gateway to Tech App Creators Disc Computer Science 2</p>						
<p>Engineering</p> <p>6th Automation & Robotics 7th Automation & Robotics 8th Automation & Robotics</p>	<p>Medical Magnet</p> <p>6th Gateway to Medical Detectives 7th Gateway to Medical Detectives 8th Gateway to Medical Detectives</p>						
	<p>Arts</p> <table border="0"> <tr> <td>Band</td> <td>General Music</td> </tr> <tr> <td>Strings</td> <td>Theatre</td> </tr> <tr> <td>Visual Arts</td> <td>Dance</td> </tr> </table>	Band	General Music	Strings	Theatre	Visual Arts	Dance
Band	General Music						
Strings	Theatre						
Visual Arts	Dance						

Dr. Robin L. Coletrain
Principal
robin.coletrain@richlandone.org

Greetings From Our Principal:

Greetings,

The W. A. Perry Middle School Science, Technology, Engineering, the Arts, and Mathematics (STEAM) program with a **Medical Magnet** is vital to the success of our deserving students as it positions them to be globally competitive and academically proficient. Through our Medical Magnet Pathway, students are introduced to varied careers in health science. Overall, the three-year STEAM program for middle school students emphasizes science, technology, engineering, arts, and math skills that will help students understand the fundamental principles of these career fields while preparing them to be 21st century critical thinkers. The courses offered through the Medical Magnet Pathway are: Career Exploration I & II, Health Science Careers, Health Science Careers II, Medical Detectives, and Fitness & Nutrition. In addition to the Medical Magnet Pathway, we also offer pathways in Aero-space, Engineering, Technology, and the Arts. In addition, **BLAST** (Building Lasting Aerospace and STEM Trajectories) will expand aerospace opportunities aiming to increase diversity, improve academic achievement and encourage students to aspire to careers in aerospace and STEM-related fields. Furthermore, our students are encouraged to get involved in the variety of extracurricular activities that we offer, which are all outstanding and provide avenues for the wide ranging interests of all students. Our expansive school community, consisting of students, staff, parents and business partners are critical to the success of W.A Perry Middle School. I look forward to partnering with students and families to continue the legacy of excellence that is, and will continue to be synonymous with W. A Perry Middle School.

Dr. Robin L. Coletrain

Dr. Robin L. Coletrain
Principal



About W. A. Perry Middle STEAM and BLAST:

Mission:

W. A. Perry Middle School inspires and develops responsible, competent, productive lifelong learners, implementing rigorous cross-curricula enhanced study of science, technology, engineering, arts, and math that promotes creative, critical, and analytical thinking in a safe and nurturing environment.

Vision:

W. A. Perry Middle School will integrate a Science, Technology, Engineering, the Arts, and Mathematics (STEAM) curriculum, aligned with state, national, international, and industry standards, while developing connections with postsecondary education and encouraging on-going community and industry engagement. In addition, BLAST (aerospace) will provide evidence-based learning experiences through expansion of aerospace education.

Goal:

W. A. Perry Middle School will:

- ◆ improve student achievement through the integration of the core curriculum.
- ◆ raise student and parent awareness of STEAM, BLAST (aerospace), and medical and STEM related careers while providing a specific focus on health science careers and aerospace.
- ◆ increase the number of students who are prepared for and take advanced academic science and math related courses in high school.
- ◆ successfully transition to C. A. Johnson Health Sciences Magnet High School or Columbia High National Defense Academy (pre-engineering, biomedical, cybersecurity and aerospace).

STEAM Partnerships:

At W. A. Perry Middle School, we have been successful in building relationship throughout the community. As we move forward, we will maintain the current partnerships and form new relationships with churches, businesses, and organizations to assist us in achieving our goal of providing our students with the tools to be successful. Please contact us if you want to invest in our scholars. We are interested in partnering with grants, shadow programs, STEAM and BLAST initiatives and summer and after school programs.



Current Partnerships

- ◆ C. A. Johnson High School
- ◆ The Links Incorporated
- ◆ The Challenger Center
- ◆ Trinity Episcopal Cathedral
- ◆ DayBreak
- ◆ 100 Black Women
- ◆ Omega Psi Phi
- ◆ Sigma Pi Phi
- ◆ Palmetto Citizens
- ◆ C. A. Johnson Breakfast Club
- ◆ Task Force
- ◆ C. A. Johnson Alumni Association
- ◆ A Brighter Smile Family and Cosmetic Dentistry
- ◆ Smart Set
- ◆ Richland County Junior Achievement

