



# Science, Technology, Engineering and Math (STEM)

at Crittenden Middle School

6158 Jefferson Ave. • Newport News, VA 23605

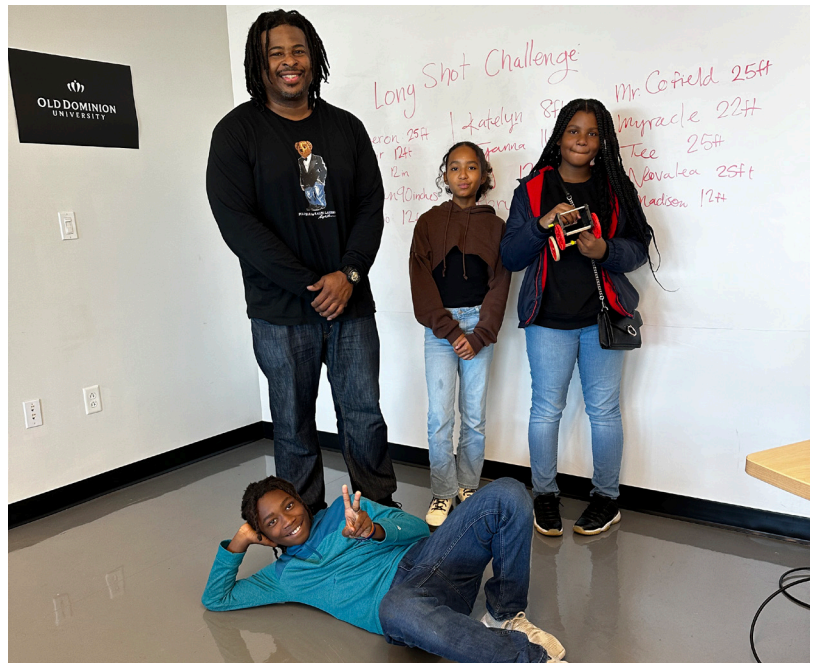


## What is the STEM Magnet Program?

The STEM program is designed to empower students by developing their abilities to activate future-ready skills in science, technology, engineering and mathematics. Crittenden magnet students will maintain academic excellence while becoming creative problem solvers prepared to be responsible citizens in a global society.

## What is distinctive about the STEM magnet program?

- STEM magnet students experience a school within a school, receiving innovative instruction in cohorted core subjects taught by STEM-trained teachers. Students apply the problem-solving processes of engineering design, design thinking and computational thinking to solve real-world problems aligned to Virginia academic standards and connected to potential careers.
- Students will have the opportunity to learn from STEM professionals representing community education and business partners, including Newport News Shipbuilding, Brooks Crossing Innovation Lab, Jefferson Lab and William & Mary by having field experiences.
- STEM Magnet students will have access to cutting-edge technology, including 3D printers, 3D pens and rapid prototyping technology, programmable robots, and our interactive 3D SMALLab system. Students will use these tools in specialized courses and programs, some only offered at Crittenden Middle School. These include: JASON Learning, Easy Tech Digital Literacy, Cyber Robotics, Coding, high school earth science, iSTEM and Computer Science.
- Students in the STEM magnet program at Crittenden will participate in enrichment opportunities including STEM-oriented clubs, competitive robotics, invention convention and science fair.



## Who is eligible?

All rising sixth, seventh and eighth-grade students are welcome to apply. The STEM magnet program is for students with a strong interest in science, technology, engineering and mathematics. Deer Park (all students), Newsome Park (magnet students) and Discovery Stem (magnet students) have priority for Crittenden Middle School. If there are more applicants than spaces, students will be selected by a computer lottery.

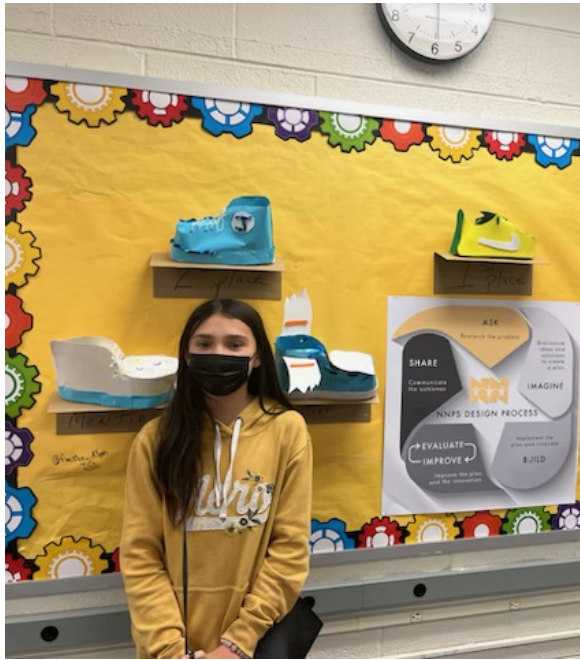




## What is required of STEM magnet students?

STEM magnet students must:

- Sign and abide by the Crittenden Magnet Contract;
- Participate yearly in the science fair;
- Submit a project to the STEM EXPO by the 8th grade year;
- Take a minimum of one STEM elective course;
- Participate in a STEM, STEAM or computer science club yearly; and
- Maintain exemplary academic, attendance and behavior standards.



## Where do students go after the program?

Students completing the middle school STEM magnet program are well-prepared for any high school program and will receive priority admission consideration to the Heritage High School Governor's STEM Academy. Students must submit an application for priority admission.

## How do I apply for the magnet program?

All students who wish to attend magnet programs must submit a Magnet School Application by the December deadline. Magnet applications must be submitted electronically. Links to magnet applications are available on the Newport News Public Schools website at [www.nnschools.org/magnet](http://www.nnschools.org/magnet). For additional assistance, please contact the NNPS Magnet Office at 757-283-7850 ext. #10314.

Transportation is provided to all magnet program students who reside in Newport News.

## How can I find additional information?

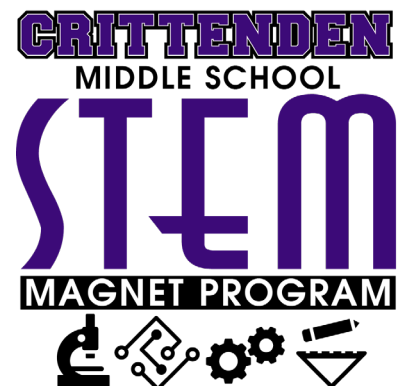


Dr. Natia Smith, Principal  
[natia.smith@nn.k12.va.us](mailto:natia.smith@nn.k12.va.us)

Danesha Bazemore, STEM Magnet Director  
[danisha.bazemore@nn.k12.va.us](mailto:danisha.bazemore@nn.k12.va.us)

Science, Technology, Engineering & Math Magnet  
Crittenden Middle School  
6158 Jefferson Ave.  
Newport News, VA 23605  
(757) 591-4900  
FAX: (757) 838-8261

[crittenden.nn.k12.va.us](http://crittenden.nn.k12.va.us)



NEWPORT NEWS



PUBLIC SCHOOLS

Learn more about Newport News Public Schools at  
[www.nnschools.org](http://www.nnschools.org)



[nnschools](http://nnschools.org)