

Pittsylvania County Schools  
presents the new



Promoting Lifelong Initiatives  
for Future Education



## STIRS THE IMAGINATION

- This new program, available to **9th** and **10th** grade students via application, will focus on Science, Technology, Engineering, Mathematics & Health and Medical Sciences.
- The STEM Academy will provide hands-on instruction to integrate Career and Technical Education with core academic classes that will provide students the opportunity to apply knowledge and skills that will demonstrate relevance in today's workforce.

## SPARKS CURIOSITY

- The Academy will provide opportunities for accepted 9th and 10th grade students to learn about STEM careers that are available locally, regionally, and nationally.
- Our goal is to work in partnership with our school system, businesses, industries, higher education, and local governments to promote lifelong learning and opportunities for success in our region.



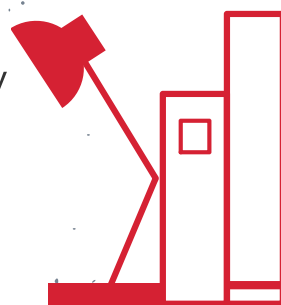
## TEACHES COMMUNICATION



- The STEM Academy will provide a rigorous Academic and Career and Technical Education curriculum to enhance the foundation for each student's high school experience. These experiences are necessary to prepare students for the workforce and postsecondary education.
- The STEM Academy will provide students the opportunity to evaluate their Academic and Career Plan prior to entering their junior year to develop a successful pathway to complement their career endeavors.

## PROVIDES OPPORTUNITIES

- The STEM Academy pathways provide students the opportunity to train on state-of-the-art equipment that will correlate with today's industry.
- During both their 9th and 10th grade years, students will spend one semester taking two courses at the STEM Academy.
- Students will earn two science credits and two sequential elective credits required for graduation.



## PATHWAYS TO SUCCESS

9th Grade Curriculum:

- Environmental Science
- Introduction to Health and Medical Sciences OR Advanced Career Connections I

10th Grade Curriculum:

- Biology
- Medical Terminology OR Advanced Career Connections II

## INSPIRES CRITICAL THINKING

- Team effort is essential to the success of this program and ongoing communication is key to its sustainability. Our faculty will work closely with principals, teachers, school counselors and parents to ensure we are meeting the individual needs of our students.
- The STEM Academy will use resources like **Major Clarity** to assess each student, allowing students to explore jobs that align with identified areas of interest.



## BROADENS MINDS

- The vision of the STEM Academy is to promote lifelong experiences for the future.
- Our goal is to enhance the pipeline through which our students have access to individualized STEM opportunities.
- These opportunities will afford students the ability to study in the STEM areas and design and complete an original project.

"PROMOTING LIFELONG INITIATIVES FOR FUTURE EDUCATION"  
APPLY TODAY!

For More Information, Visit:  
[stem.pcs.k12.va.us](http://stem.pcs.k12.va.us)

