

# Enroll your student in the Math, Science and Technology Magnet!

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Exploration of math, science & technology  
integrated into all subject areas

Community partnerships & access to local  
experts

Development of problem-solving & critical  
thinking skills



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In the York County School Division, students will be admitted, retained, dismissed, assigned and/or transferred and be allowed to participate in all programs and activities in the York County School Division without regard to race, color, creed, sex, national origin, political affiliation, age, disability or belief, except as permitted by state or federal law.

# Math, Science & Technology Magnet



Yorktown  
Elementary School



## Math

- Extensive use of manipulatives
- Integration of math and science
- Weekly math resource
- Hands-on math investigations
- Focus on problem solving

## Science

- Galaxy classroom resources
- Star Lab planetarium
- Weekly science resource
- Experimental design/scientific method
- Focus on higher level thinking

## Technology

- Multiple classroom computers
- Internet access
- Intel microscopes
- Digital cameras
- Computer lab

## Partnerships

- Virginia Institute of Marine Science
- NASA
- Virginia Air and Space Museum
- Virginia Living Museum
- Jefferson National Accelerator Facility



# Math, Science & Technology Magnet at Yorktown Elementary School

## The Program

The Yorktown Elementary Magnet School provides students in first through fifth grades with enriched instructional opportunities for in-depth studies of math, science and technology in conjunction with a strong academic program in all subject areas. As young mathematicians and scientists expand their horizons, they develop critical thinking and problem-solving skills. Students participate in a wide variety of math, science and technology activities that facilitate the development of scientific inquiry skills. They also benefit from mentoring by real-world scientists and mathematicians. “Exploratoriums,” delivered in a resource setting, integrate instructional technology and focus on various aspects of science and mathematics.

## Curriculum Connections

The Math, Science & Technology Magnet integrates math and science into the other academic areas of English, Reading and History through the use of technology and multi-disciplinary activities. This integrated approach provides students with the traditional hours in all academic areas and prepares them for the Standards of Learning Assessment. Students are exposed to the traditional resource areas of physical education, music, art and library with the addition of Math and Science Exploratoriums.

## Eligibility

Current Yorktown Elementary students will attend the Magnet unless “opted-out” by their parents/guardians. Remaining Magnet slots are available by application to students at other YCSD elementary schools. Students who are York County residents but are currently enrolled in private school may also apply for the Magnet. Students who are non-residents of York County are eligible to apply for the Magnet on a tuition basis.

## Applying for the Magnet

Applications are available in each elementary school, on the school division web site and at the School Board Office. A separate application must be submitted for each child (grades 1-5) wishing to attend the Magnet School. Dates and times for the submission of completed applications for the next school year may be obtained from the Yorktown Principal. Applications will be grouped by grade level for random, lottery-style selection.