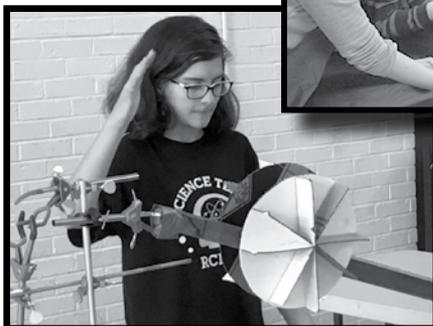
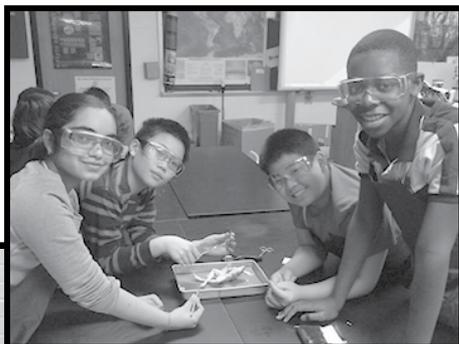


Roberto Clemente Middle School

Upcounty Center Program for the Highly Gifted

Mathematics, Science, and Computer Science

For Grades 6, 7, and 8



**Roberto Clemente Middle School
An International Baccalaureate
Middle Years Programme School**

**18808 Waring Station Road
Germantown, MD 20874
301-284-4744**



Our Program

The Upcounty Center Program offers a rigorous program of academic study to highly gifted students from the upper portion of Montgomery County. The program features an interdisciplinary approach in multiple subject areas.

Mathematics

Students will study accelerated and enriched units in mathematics. The mathematics courses will include Pre-algebra, Algebra, and Geometry/Algebra 2. The primary focus will be on problem solving and using mathematics as a tool for communication.

Science

The science curriculum focuses on various aspects of life science, earth science, and physical science over the course of three years. Specific topics are selected to reinforce mathematics concepts. Interdisciplinary mini-units and culminating activities accentuate the interlocking nature of the mathematics and science disciplines. Students learn various techniques for gathering, processing, analyzing, and presenting data.

Computer Science

The computer science courses focus on the use of the computer as a tool for problem solving in other subjects. Students learn to collect, manipulate, graph, and analyze data using the computer. They develop algorithms, write programs in various structured programming languages, and use commercial software to solve problems.

Academic Opportunities

The Upcounty Center Program provides unique and challenging learning opportunities in three areas of concentration: mathematics, science, and computer science. Students are encouraged to make connections among content areas through a problem-solving approach. Students have a variety of specialized academic experiences, such as working with scientists and mathematicians, participating in academic competitions, and writing computer programs.

Student Qualities

The Upcounty Center Program is designed for highly able students who desire to be further challenged academically and are ready to be actively involved in their own learning with a group of their intellectual peers. Students exhibit a high level of curiosity, analytical thinking, and imagination.

Faculty

Teachers in the Upcounty Center Program have been selected for their strong academic backgrounds, outstanding teaching skills, and interest and commitment to working with highly able students.

Admissions

Admission to the Upcounty Center Program is competitive. Criteria used to evaluate candidates may include written statements from candidates, previous grades, coursework, and test scores. Students will complete a series of tests in November. Students from the following high school clusters will be screened for the Upcounty Center Program at Roberto Clemente Middle School:

- Clarksburg
- Damascus
- Gaithersburg
- Magruder
- Northwest
- Poolesville
- Quince Orchard
- Seneca Valley
- Watkins Mill

Transportation

Transportation is provided to and from Roberto Clemente Middle School from central locations throughout the county. Activity buses are provided Monday through Thursday.

Directions to RCMS

- From 270, North:
Exit onto Middlebrook Road going west. Turn left onto Waring Station Road and follow to school on right.
- From 270, South:
Exit onto Germantown Road (Rte. 118) going west. Turn left onto Middlebrook Road. Turn right onto Waring Station Road and follow to school on right.

Further Information

A parent meeting is held in the fall at a central location. For more information on meeting timelines, the admissions process, and testing, please visit:

www.montgomeryschoolsmd.org/schools/clementems

or

www.montgomeryschoolsmd.org/curriculum/specialprograms

Anyone requiring more information about the Upcounty Center Program at Roberto Clemente Middle School is encouraged to contact:

Steve Orders, Upcounty Center Coordinator
Karen Rosemier, Upcounty Center Secretary
Roberto Clemente Middle School
18808 Waring Station Road
Germantown, MD 20874
Phone: 301-284-4744

The Humanities Program has moved to Martin Luther King, Jr. Middle School.



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