

# Science and Technology Program

## Eleanor Roosevelt High School

### Background

The Science and Technology Program is a highly challenging four year curriculum which provides college level academic experiences in science, math, and technology. The program is offered at three centers - Eleanor Roosevelt High School in northern Prince George's County, Oxon Hill High School in southern Prince George's County, and Charles Flowers High School in central Prince George's County. Students attend the center that serves their legal residence. Transportation is provided for all students.

### Eligibility

All interested eighth and ninth grade students who are residents of Prince George's County are eligible to apply for admission to the Science and Technology Program.

- ◆ Applications may be obtained from the Guidance Counselor at their school
- ◆ Applications **must be submitted** by the indicated deadline each year

### Admission

Students are admitted into the program based on three criteria. Each criteria is weighed equally:

- ◆ Grades from four quarters of seventh grade and the first quarter of eighth grade (or four quarters of eighth grade and first quarter of ninth grade) in math, science, English, and social studies
- ◆ Standardized verbal test
- ◆ Standardized numerical test

Students presently or previously enrolled in ESOL (English for Speakers of Other Languages) who are recommended by appropriate school staff will take an abstract reasoning test in lieu of the standardized verbal test.

The standardized verbal and math tests are administered at designated test sites in December each year.

Information regarding the standardized tests:

- ◆ Each test section is approximately 30 minutes in length
- ◆ Each test section contains approximately 40 questions
- ◆ The exam is secured and copies of previous exams are not available
- ◆ A different exam is given each year
- ◆ The first part is reading comprehension
- ◆ The math test is arithmetic, based on basic middle school skills and includes some simple algebra
- ◆ It is available to all eighth and ninth grade students

## Reporting of scores

Name	Weighted GPA	GPA Score	Verbal Percentile	Math Percentile	Total Score
Student A	3.85	96.25	85	93	274.25
Student B	3.20	80.00	64	75	219.00
Student C	4.25	106.25	99	98	303.25

Please note the following:

- ◆ There is no pass or fail
- ◆ The GPA Score is calculated by multiplying the Weighted GPA by 25
- ◆ Algebra and geometry taken either year receive extra weight
- ◆ Science courses at math and science magnet schools also receive extra weight
- ◆ The Total Score is computed by adding the GPA Score, the Verbal Percentile, the Math Percentile
- ◆ Students with the top 225-250 scores are admitted to Eleanor Roosevelt High School's Science and Technology Program. The next 60 students are placed on the Waiting List
- ◆ The Program only has room for a limited number of students. The fact that a student does not make the cut off, does not mean that student would not find success at Eleanor Roosevelt High School or in another academic setting
- ◆ Notification of selection is made in mid to late February. At that time, students who have been selected for admission or placed on the Waiting List are notified of an orientation and pre-registration program
- ◆ All students on the Waiting List should make alternate academic plans

## Composite Score Profile for Acceptance

	2004	2005	2006	2007	2008	2009	2010
Total number applied	1401	1361	1384	1311	1479	1501	1585
Total number accepted	233 (17%)	236 (17%)	253 (18%)	239 (18 %)	254 (17 %)	251 (17%)	228 (14 %)
Lowest score accepted	264.00	257	243	242	242	262	266
Lowest score on waiting list	255.00	247	235	231	232	255	256
Number admitted from waiting list	27	16	15	14	38	13	24