



AFTER-SCHOOL ACCELERATED G/T MATHEMATICS PROGRAM

Description

The Accelerated G/T Mathematics Program is an accelerated and enriched sequence of academic mathematics courses. The program is designed for identified 7th and 8th grade students who show exceptional mathematical talent and a high level of interest in mathematics. Students attend one two-hour class each week and use their in-school math period to complete the required assignments. This program benefits students who are independent learners. Students participating in this program thrive in a challenging environment with others of similar abilities and interests. After participating in the program during their middle school years, the students proceed with other advanced mathematics courses available at their respective high schools.

Contact Information

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Successful participants in this program are expected to have . . .

- A high level of interest in mathematics
- Strong spatial and visualization skills
- Strong problem-solving and logic skills
- A high level of self-motivation
- Organization and independent learning skills
- Academic maturity beyond their chronological years

Students will receive high school pass/fail credit for each course; however, they are expected to maintain an 85% average and a minimum of an 80% on the final exam for Algebra II G/T. If the 85% is not maintained, the student's placement in the program will be re-evaluated.



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Mathematics Course Sequencing for Participants

The following course sequences are for students participating in the Accelerated G/T Mathematics Program.

If you enter as a 7th grader:

7 th grade	Algebra I/Data Analysis G/T Geometry G/T
8 th grade	Algebra II G/T
9 th grade	Precalculus G/T
10 th , 11 th , and 12 th grades	Advanced Placement Calculus AB Advanced Placement Calculus BC Advanced Placement Statistics Differential Equations and/or Linear Algebra*

If you enter as a 6th grader:

6 th grade and 7 th grade	Algebra I/Data Analysis G/T Geometry G/T Algebra II G/T
8 th grade	Matrices, Statistics, and Discrete Mathematics
9 th grade	Precalculus G/T
10 th , 11 th , and 12 th grades	Advanced Placement Calculus AB Advanced Placement Calculus BC Advanced Placement Statistics Differential Equations and/or Linear Algebra*

**Differential Equations is taught in some high schools. Students can also take the course at Howard Community College.*

Notes