

MONTGOMERY COUNTY PUBLIC SCHOOLS COMMON MATH PATHWAYS

Pathway 1	
Grade Level	Math Course
7	Algebra I H
8	Geometry H
9	Algebra II H
10	DE Precalculus
11	Calculus *
12	2 nd Year Calculus Course * OR Elective Math Course **

The school determines all Math class placements through Algebra II

Pathway 2	
Grade Level	Math Course
8	Algebra I H
9	Geometry or Geometry H
10	Algebra II or Algebra II H
11	Adv Algebra with Trig OR DE Precalculus
12	Calculus *

*** Calculus Options Include:**

(See [Course Descriptions](#) for how these courses are offered)

Calculus
DE Applied Calculus I & DE Applied Calculus II
DE/AP Calculus I (AB) & DE/AP Calculus II (BC)

**** Elective Math Courses:**

(See [Course Descriptions](#) for course prerequisites)

AP Computer Science Principles
AP Computer Science A
Probability & Statistics
AP Statistics

Pathway 3	
Grade Level	Math Course
8	Math 8
9	Algebra I
10	Geometry
11	Algebra II
12	Adv Algebra with Trig OR DE Precalculus OR Elective Math Course **

The school determines all Math class placements through Algebra II

Pathway 4	
Grade Level	Math Course
8	Math 8
9	Algebra I
10	Geometry
11	AFDA *** / Algebra II
12	Adv Algebra with Trig OR DE Precalculus OR Elective Math Course **

Pathway 5	
Grade Level	Math Course
8	Math 8
9	Algebra I
10	Geometry
11	AFDA ***
12	Algebra II OR Elective Math Course **

The school determines all Math class placements through Algebra II

Pathway 6	
Grade Level	Math Course
8	Math 8
9	Algebra Parts 1 & 2
10	Geometry or Parts 1 & 2
11	AFDA ***
12	Capstone Math OR Elective Math Course **

*** **AFDA** also may be:

- Paired with Algebra I, Part 2 (after taking Algebra I, Part 1 with Supplemental Math)
- Taken immediately after Algebra I (if the Algebra I SOL test is failed)