ADVANCED MATHEMATICS PROGRAM
MONROE TOWNSHIP SCHOOLS

Office of Curriculum & Instruction
423 Buckelew Ave.
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2018-2019

GRADE 8 ALGEBRA I MATHEMATICS (2018-2019)

While a student may not be ready for Geometry in grade 8, there is the opportunity to take Algebra I in 8th grade. **Students in *Grade 8 Algebra I* complete the *Middle School Algebra I* curriculum.**

To enter the Grade 8 *Middle School Algebra I* program, a student **must** have:

1. A score of 75% or better on the district Algebra Readiness Assessment
2. Final grade of 90 or better in grade 7 mathematics
3. A score of 72% or better on the MTMS Computational Skills Assessment
4. A grade 7 Winter or Spring MAP RIT score of 235 or higher (RIT is a measurement scale developed to simplify the interpretation of test scores)

Parents and students should understand the rigorous nature of the Middle School Algebra course. The pace, content, and amount of work of the course will be appropriately tailored to children who excel in mathematics. The children selected will likely experience challenge beyond that of their previous years. The goal of this program is to prepare students for *Geometry Honors* in grade 9 and, ultimately, for *Advanced Placement Calculus AB* in grade 12.

It should be understood that a student who is _successful (min. 80%)_ in *Grade 8 Middle School Algebra I* will advance to Grade 9 *Geometry Honors*. Current 8th grade students _must_ complete a full year Algebra I class in order to be eligible for **Honors Geometry** in 9th grade.

It should be understood that a student who _earns a final year of average of 70%-79%_ in *Grade 8 Middle School Algebra I* will advance to *Geometry* in grade 9.

A recommendation of **doubling up** with Honors Geometry and Honors Algebra II can take place if the **incoming 9th** grade students have the potential and are trying to advance mathematically.

*Please note that if a student has not met the four criteria, then the student may consider electing to "waive" into the algebra class **only** if the student has met three out of the four criteria.