



2020 TROY MATHEMATICS SUMMER HONORS ACADEMY

The purpose of the Troy Mathematics Summer Honors Academy is to provide rigorous opportunities for students to advance their knowledge in mathematics. Each course meets the robust demands of the Troy School District's mathematics curriculum in a compact, four-week academy setting. Successful completion of the course allows students to enroll in the next course in the honors mathematics sequence in the fall.

Location: Boulan Park Middle School

Dates: June 16-19, June 22-26, July 6-10, July 13-17 and July 20

Time: 8:15 a.m. – 12:15 p.m. Monday through Friday

Tuition: \$260

To advance to the next course, students are required to attend daily and must pass the end of course exam with a 77% or higher. The number of excused absences may not exceed 3.

Bridge Course: Students will learn the units of study from Math 6/7 Honors that are not included in the Math 6 curriculum. These topics include integers, rational numbers, expressions, equations, ratios, proportions, and percent. Students will be assigned daily homework to be completed outside of the four hours of class time. The next course in the honors sequence is Math 7/8 Honors.

Pre-requisite: Students must have an excellent record in mathematics in each of the first three quarters of Math 6 and teacher recommendation. Please note that students who have been successful in this course in the past have typically earned As in all three quarters.

Math 8 (Course #3820): Students will learn the entire year-long Math 8 curriculum. The Math 8 units of study include equations, transformations, angles and triangles, graphing and writing linear equations including systems of equations, functions, real numbers and the Pythagorean theorem, volume and similar solids, data analysis and displays, and exponents and scientific notation. This is a rigorous course with a large time commitment and students will be assigned daily homework to be completed outside of the four hours of class time. The next course in the sequence is Algebra 1 Honors.

Pre-requisite: Students must have an excellent record in mathematics in each of the first three quarters of Math 7 and teacher recommendation. Please note that students who have been successful in this course in the past have typically earned As in all three quarters.

Algebra 1 Honors (Course #3830): Students will learn the entire year-long Algebra 1 Honors curriculum. In addition to the four hours of class time, students will have two or more additional hours of blended learning and homework per day. This is a rigorous course with a large time commitment. Please carefully consider this before enrolling. This class will count towards a high school credit and will be figured into your GPA at the high school. The next course in the honors sequence is Geometry Honors.

Pre-requisite: Students must have an excellent record in mathematics in each of the first three quarters of Math 8 or Math 7/8 and teacher recommendation. Please note that students who have been successful in this course in the past have typically earned As in all three quarters.

Geometry Honors (Course #3930): Students will learn the entire year-long Geometry Honors curriculum. In addition to the 4 hours of class time, students will have 2 or more additional hours of blended learning and homework per day. This is a rigorous course with a large time commitment. Please carefully consider this before enrolling. This class will count towards a high school credit and will be figured into your GPA at the high school. The next course in the sequence is Algebra 2 Honors.

Pre-requisite: Students must have an excellent record in mathematics in each of the first three quarters of Algebra 1 Honors and teacher recommendation. Please note that students who have been successful in this course in the past have typically earned As in all three quarters.

Application and Enrollment:

- The application to the Middle School Math Summer Honors Academy must be completed on-line through the PowerSchool Parent/Student Portal. The PowerSchool form will be open between March 23 and April 27, 2020. The application must be printed, signed by math teacher and counselor, and turned in to the building secretary by May 1, 2020.
 - Log into PowerSchool at ps.troy.k12.mi.us (web version only)
 - Click the Icon Forms from the Left Menu
 - Open the form Middle School Math Summer Honors Academy
- **After completing this application, please print your application and obtain signatures from your math teacher and counselor.**
- Please turn this application in to the Secretary at your Middle School. **Printed applications must be turned in (with teacher and counselor signatures) by Friday, May 1.**
- Students will be notified, via email, by May 8 if they have been accepted.
- Upon acceptance, registration instructions will be sent via email. Parents will have five business days to pay for the course. If you do not pay for the course within the timeframe, your child's name will be placed at the end of the waiting list. After the five days, any open seats will be open to students on the waiting list.

Frequently Asked Questions:

Is my child guaranteed entrance?

Enrollment is limited. In the event that there are more qualified students than seats available, a random drawing will be held to determine the students who will be enrolled. Students not drawn will be placed on a waiting list.

I am going to attempt to test out of the next course in my sequence. If I am not able to test out, I would like to attend the Summer Honors Academy. Should I wait for the test out results before applying?

No, please apply during the application window. Enrollment is limited and a course may fill. If you apply and then don't need the course because you tested out, just let us know. Late applicants will be placed on a waiting list if a course is full.