

# MATHEMATICS:

## Algebra I Enrichment:

This course is intended for incoming freshmen who have had a full or partial year of instruction in Algebra 1 in middle school, but were not placed in Geometry. Successful completion of this course can change a student's 9th grade math placement to Geometry. This course will cover topics typically covered in the second Term of Algebra 1. While Chromebooks will be available, students who have their own should bring it to class daily. The TI-Nspire CX CAS Calculator is required for this class. Approval is required by your Math Dept. Chair in order to register for this class. HPHS: Ms. Elizabeth Waller, ewaller@dist113.org. DHS: Jennifer Navickas, jlnavickas@dist113.org.

**Open to:** Open to District 113 Incoming Freshmen who have Math Dept Chair placement and/or approval.  
**Credit:** 1 Elective Math Credit. This course does not fulfill a mathematics graduation requirement.  
**Cost:** \$300 (\$400 Out-of-District), 3 weeks, FULL day. **REQUIRED:** TI-Nspire CX CAS Calculator.

Course	Period	Hours	Term	Dates
451322-11	1 & 2	8:50-2:10	1	6/9-6/26

## Geometry:

This full year course will feature a revised model of a standard, college-preparatory, full year of high school Geometry. Students will read, write, and apply information involving geometric notation and figures, and apply algebraic concepts to the definitions, postulates, and theorems of Geometry. In addition, students will learn the process of arguing a geometric proposition within a deductive structure (geometric proof), and improve basic problem-solving skills. The course will incorporate the use of current Geometric software and related technologies. **Approval needed:** Contact your Math Department Chair prior to registering for this class. DHS Department Chair: Ms. Jennifer Navickas (jlnavickas@dist113.org). HPHS Department Chair: Ms. Elizabeth Waller (ewaller@dist113.org). **Important Notes:** In order to receive a FULL YEAR of credit, students must register for BOTH courses: #451652-11 and #451654-11 at the same time.

**Open to:** Current 8th graders are not eligible for this course.  
**Credit:** 1 Math Credit. **REQUIRED:** TI-Nspire CX CAS Calculator.  
**Cost:** \$300 per Term (\$400 per Term, Out-of-District), 2 Terms, 6 weeks, full day.

Course	Period	Hours	Term	Dates
451652-11	1 & 2	8:50-2:10	1	6/9-6/26
451654-11	1 & 2	8:50-2:10	2	6/30-7/17

## Math Recovery and Grade Improvement Courses:

The following courses will be available for students who would like to take the course for credit recovery or grade improvement. For credit recovery (earned an incomplete grade and must retake the course). students and guardians will be contacted by their counselor. For grade improvement (the student had a passing grade of C+ or below in their previous attempt), students should fill out the Summer School Grade Improvement Request Form located on the Summer School website. Please know that, for a grade improvement, a student can only earn regular credit, not honors or AP credit, even if the original class was an honors or AP level course.

- Algebra I
- Algebra II
- Geometry
- Pre-Calculus

**Open to:** District 113 students wanting to earn recovery or grade improvement credit.  
**Credit:** Grade recovery or grade improvement.  
**Cost:** For credit recovery: No Cost. Cost for grade improvement: \$300 (per Term).

Course	Period	Hours	Term	Dates
TBD	1 & 2	8:50-2:10	1 & 2	6/9-7/17