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# Challenger Geometry Program

— Update for School Committee —  
September 7, 2021

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# Challenger Geometry Program Overview

- **Who:** The program was open to:
  - All rising 8th graders who will take Algebra 1 and
  - All current 8th graders in Algebra 1 (for 2021-22 school year only)
- **When and Where:**
  - **Summer:** Online work through Khan Academy
  - **During the year:** Online course work through Edgenuity and 1 weekly meeting after school with a teacher
- **How to sign up:**
  - Students were informed of the program in school and emails were sent to parents.

*Note: Students who opt into this program will participate in addition to taking the Algebra 1 course in school (for 8th graders) and the Algebra 2 course in school (for 9th graders).*

## Who registered for the program?

- Rising 8th graders (class of 2026)      140 students
- Rising 9th graders (class of 2027)      70 students

**Total students who started the summer (Khan Academy) portion of the program = 210**

# Course Registrations for 2021-22

- Rising 8th graders (class of 2026)                      140 students
  - These students are registered for Algebra 1
  
- Rising 9th graders (class of 2027)                      70 students
  - These students' registrations were changed from **Geometry** to **Algebra 2 H1**
  - This was accomplished by swapping **2** sections of Geometry for Algebra 2 at Belmont High School

# Summer work on Khan Academy

At the Mid Summer Check-In, August 1

- 156 students were on track
- 54 students were contacted for support
- 204 students continued in the program

The instructors held weekly office hours from **July 27** to **September 2**

- On average, 2-3 students participated in office hours

All summer work was due by 3 PM on Friday, September 3

Data collected throughout the summer will be used to inform instruction at the beginning of the course in September

# Challenger Geometry Program, 2021-22

**Of the 210 students who began the summer program:**

- 135 8th graders will continue
- 67 9th graders will continue

**Reasons for not continuing include:**

- Family moved and student withdrew from BPS (4)
- Student and/or family decided not to continue (4)
- *Still waiting to hear back from 5 students on school year choice*

# Challenger Geometry Program, 2021-22

- Instructor has prepared the Edgenuity program to align with the high school honors geometry course
- Students will receive their Edgenuity accounts the week of September 13
- Weekly classes will be held at the following times
  - Mondays 6:30-8:00
  - Wednesdays 3:30-5:00
  - Fridays 3:30-5:00
- Students and families were given the option to choose the one that worked in their schedule

# Program Costs

<b>Summer instructors</b>	Paid hourly (\$35/HR)	Total for summer instructors = \$927.50
<b>Challenger Geometry course instructor</b>	0.4 FTE of one math teacher	\$24,000
<b>Edgenuity licenses</b>	\$100 license fee x <u># of student participants</u>	\$21,000