

PUBLIC SCHOOLS of
BROOKLINE



BHS Math Program

4.27.22

Agenda



- Math Content
- Curriculum Integration
- Instructional Model
- The Calculus Project
- Coherence with 6-8 Math Program
- Response to COVID



Math Content

- Geometry - Calculus
- AP courses
- 12th Grade Options
- IMP

Curriculum Integration



- Statistics
- Coding
- Social Justice

New Course:

Data Science & Social Justice



Instructional Model

- Conceptual Understanding
- Procedural Fluency
- Problem Solving



Complex Instruction

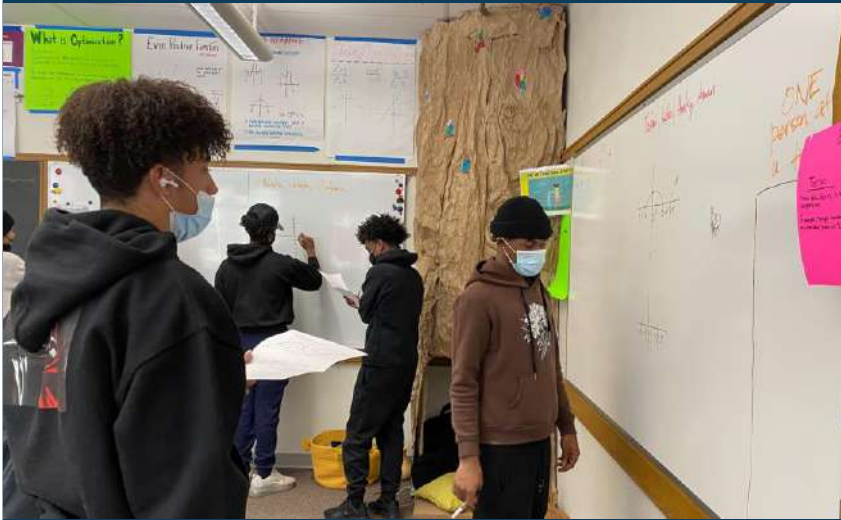
- Groupworthy, multiple ability tasks
- Modification of traditional authority structure
- Treatment of status issues





The Calculus Project

- Clustering
- After School Tutoring Center
- Summer Academy



6-12 Math Program

Building a Thinking Classroom

- Visible Random Seating
- Collaborative Tasks
- Vertical Non-Permanent Surfaces

A background image of a classroom with several students sitting at desks, working on laptops and papers. The image is dimmed and has a blue tint. The title 'Response to COVID' is overlaid at the top in white. Below the title, the content is divided into three vertical columns by white lines, each with a yellow heading. The first column is on the left, the second in the middle, and the third on the right.

Response to COVID

**Trauma
Induced Loss
of Resiliency**

**Meeting
Students
Where They
Are**

**Faith to the
Curriculum**