

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
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Math Content

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

Curriculum Integration



- Statistics
- Coding
- Social Justice

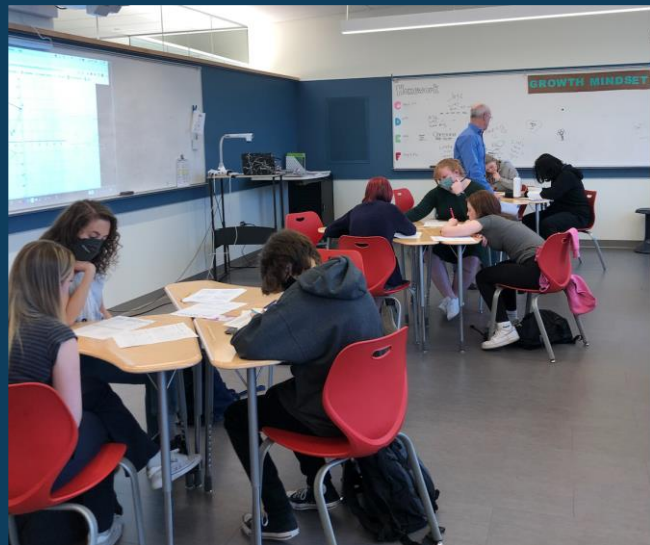
New Course:

Data Science & Social Justice

Instructional Model



- Conceptual Understanding
- Procedural Fluency
- Problem Solving



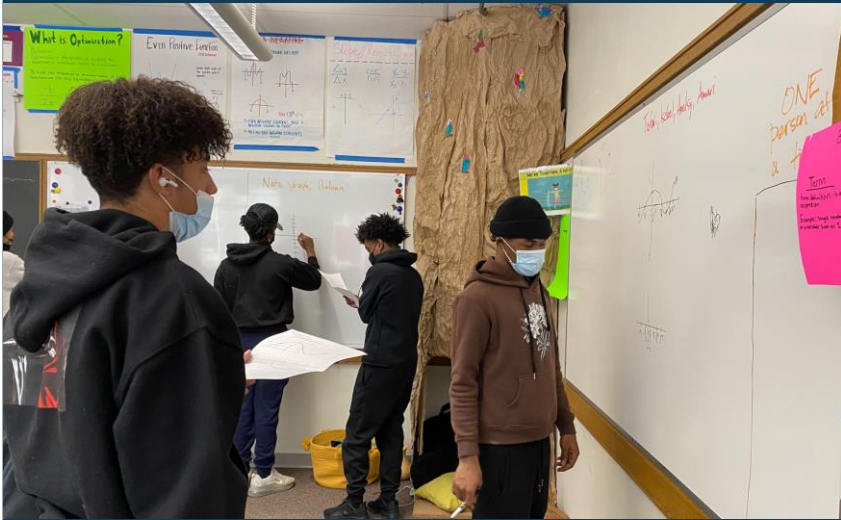
Complex Instruction

- 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

Response to COVID

**Trauma
Induced Loss
of Resiliency**

**Meeting
Students
Where They
Are**

**Faith to the
Curriculum**