

Syosset Mathematics

January 14, 2019
John Genova, Ed.D.

Coordinator of Mathematics, K-12



Mathematics department goals

- Continue to shift the study of mathematics from a body of facts and procedures to **fostering multiple approaches** through **collaboration** and a **growth mindset**.



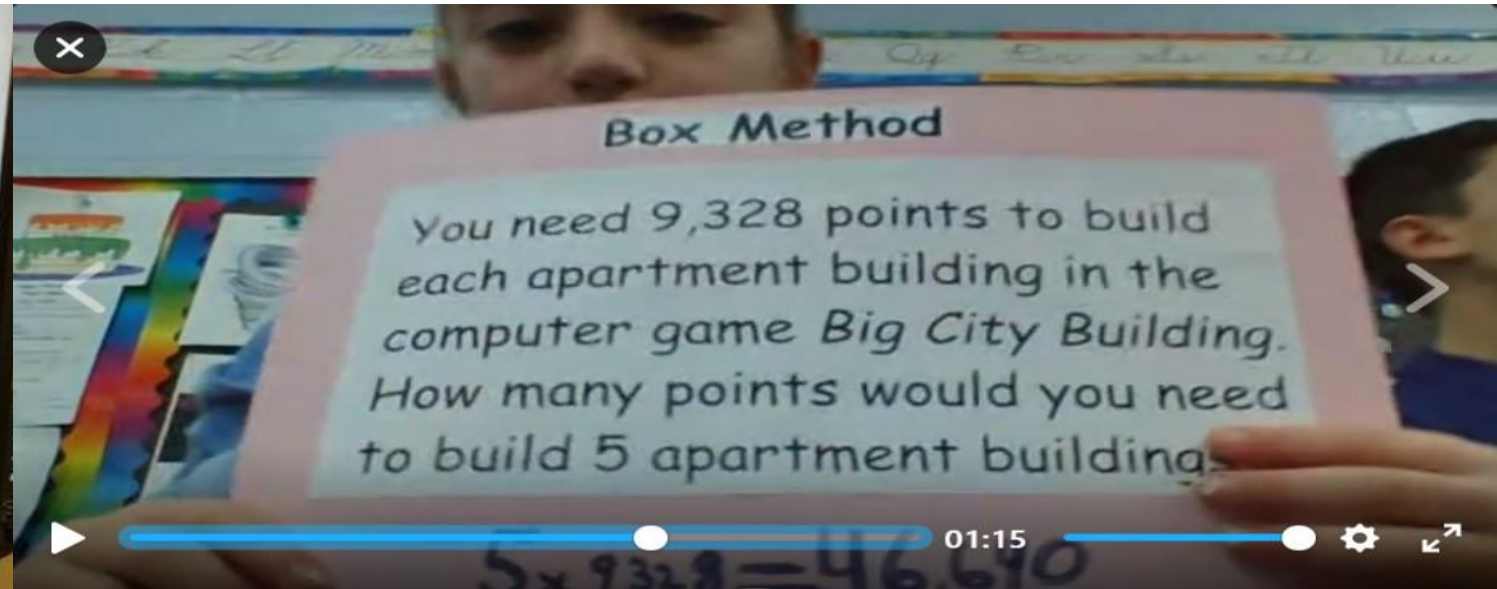
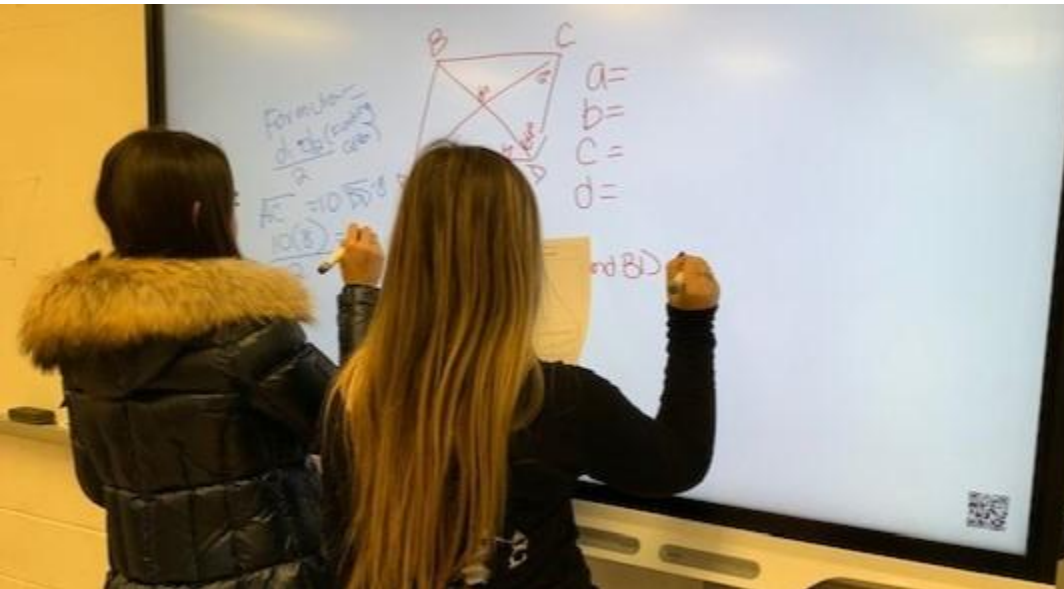
Mathematics department goals

- To promote a **love** of the subject, its **connections** to other disciplines, and its **application**. To make math for **everyone**!



Mathematics department goals

- To use **technology** as an amplifier of strong Syosset instruction.



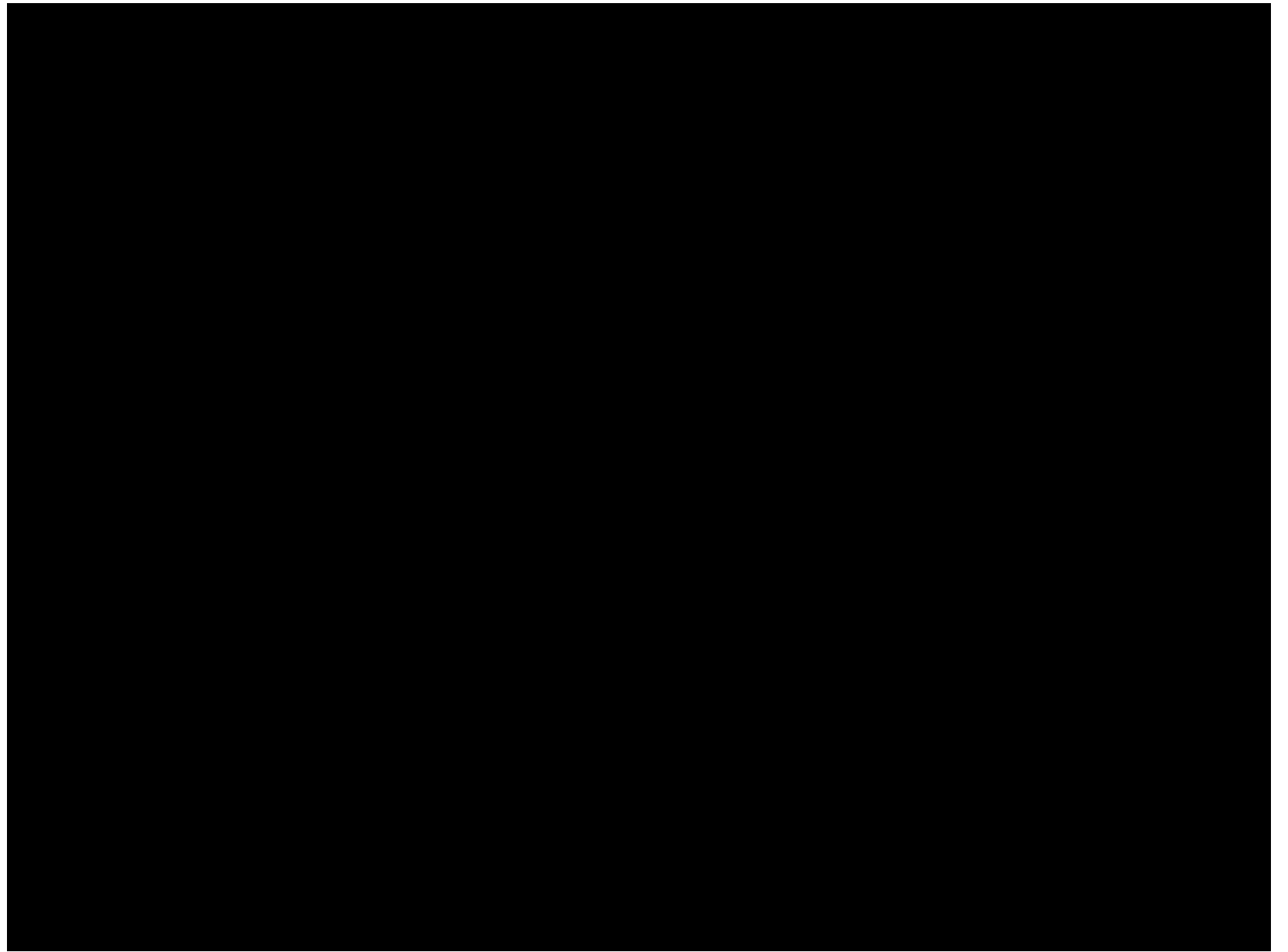
Elementary Mathematics - Ms. Wiest and Ms. Trembley



Data informs instruction

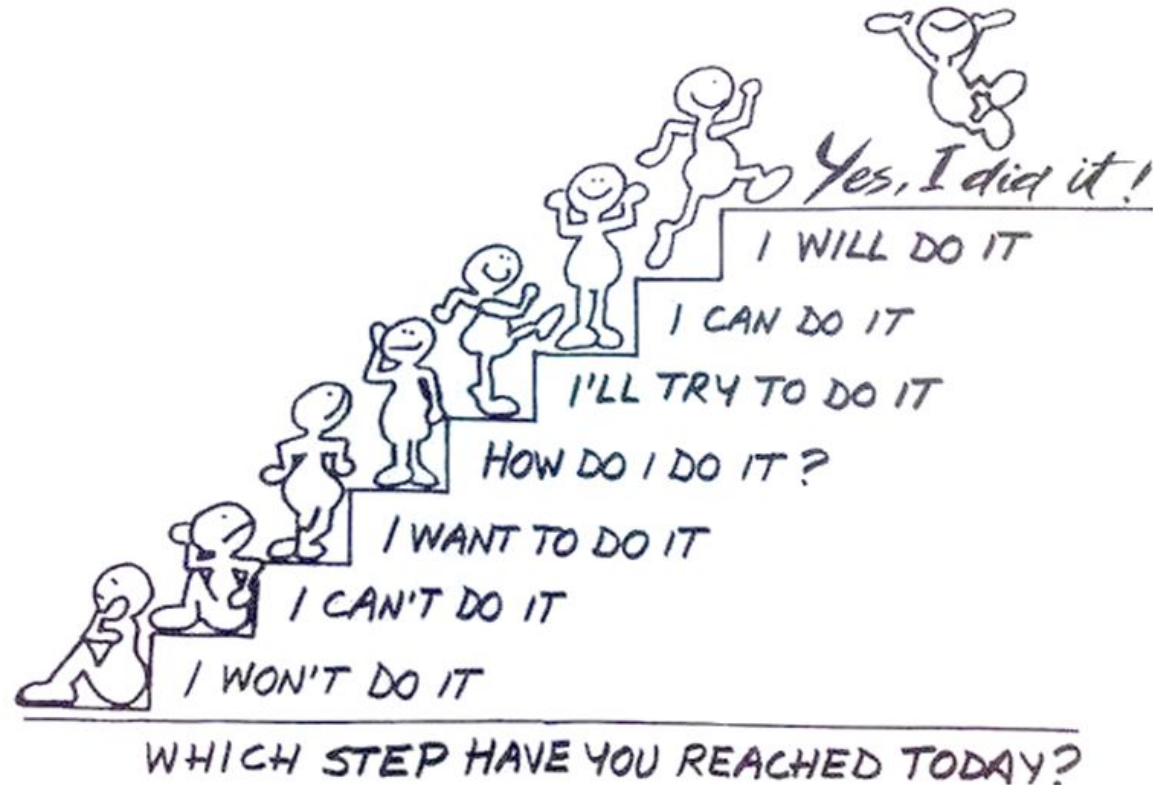
LISA WUEST					
Roster Reports Curriculum Alerts wallwiest ▼					
Class: 2018-19 1st Grade (group 2) ▼ Report: Usage ▼					
Student ▲	Avg. Time / Week	Avg. Progress / Week	Total Time	Syllabus Progress	First Login
	39 min.	1.3%	541 min.	 19%	10/5/2018
	52 min.	2.5%	732 min.	 35%	10/5/2018
	20 min.	0.8%	280 min.	 12%	10/5/2018
	25 min.	1.5%	354 min.	 21%	10/5/2018
	95 min.	7.2%	1321 min.	 100%	10/5/2018

Student Voices



Middle Level Mathematics

Ms. Shear and Ms. Warren



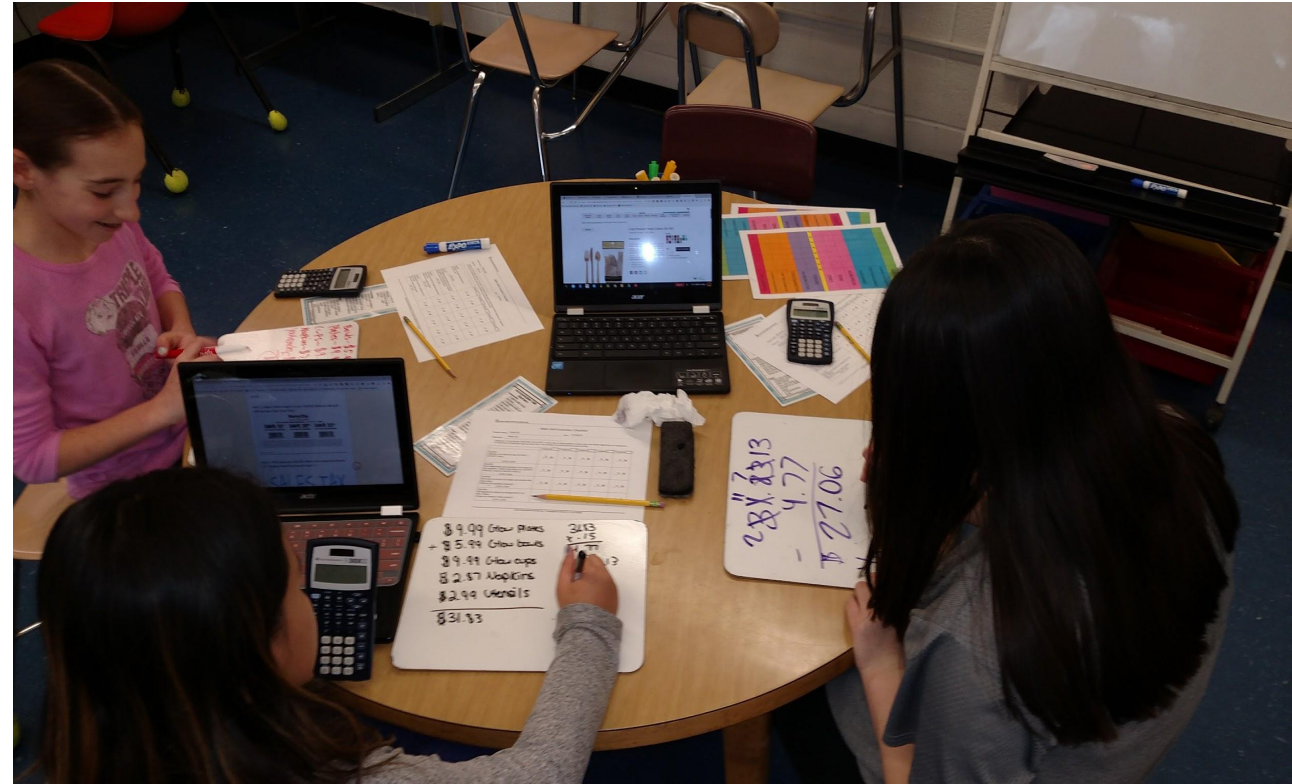
Mathematical Growth Mindset Survey Statements

1. Your intelligence is something very basic about you that you can't change very much.
2. Math is much easier to learn for students who come from a culture who values math.
3. The harder you work on something the better you will be at it.



To achieve a mathematical growth mindset, we commit to the following:

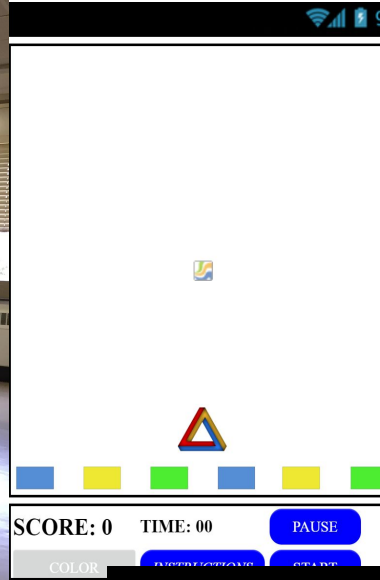
1. We will celebrate our mistakes as opportunities to learn and grow.
2. We will be confident and share our thinking.
3. We will persevere through difficult practice.



Middle School Mathematical Mindsets

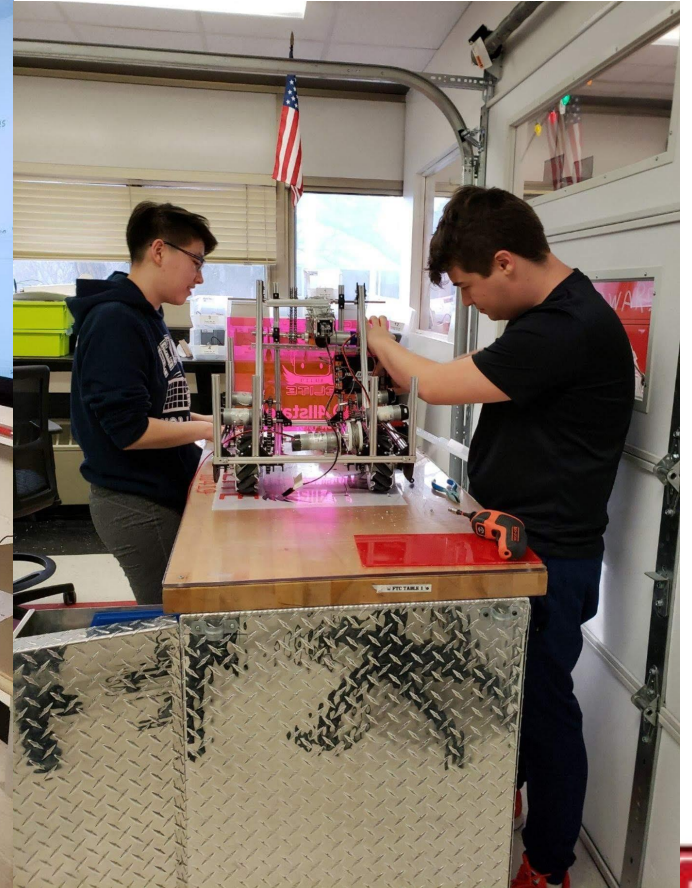
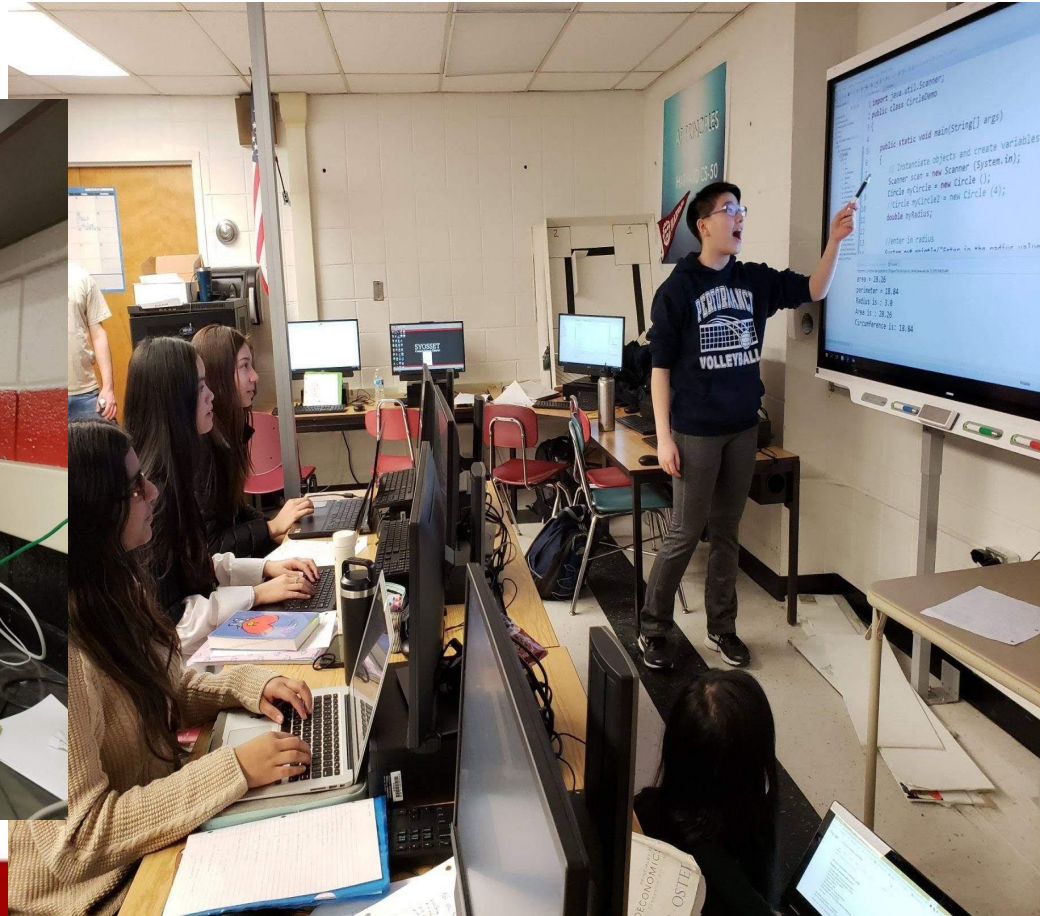


High School Mathematics - Mr. McBurnie and Ms. Owens



High School Mathematics

Mr. McBurnie and Ms. Owens



Year in Review

- Continue to shift the study of mathematics from a body of facts and procedures to **fostering multiple approaches** through **collaboration** and a **growth mindset**.
- To promote a **love** of the subject, its **connections** to other disciplines, and its **application**. To make math for **everyone!**
- To use **technology** as an amplifier of strong Syosset instruction.

