APPLIED MATH

Year 1 Impact

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TOWNSHIP OF OCEAN SCHOOL DISTRICT

Why Applied Math

- Created to provide a meaningful math pathway for all students
- Focus on real-world application, problem solving, and reasoning
- Designed to increase engagement while maintaining rigor

Early Success Indicators

- Strong student engagement and participation
- Increased persistence with problem solving
- Positive classroom culture and collaboration
- Students connecting math to real-life situations

Early Success Indicators

- 0% Failure Rate as of marking period 3
- 95 average course grade as of marking period 3
- Lower failure rate than traditional math courses

What It Looks Like

- Collaborative learning
  (Building Thinking Classroom model)
- Real-world problem solving tasks
- Data analysis, finance, and design-based projects
- Students explaining and defending their thinking

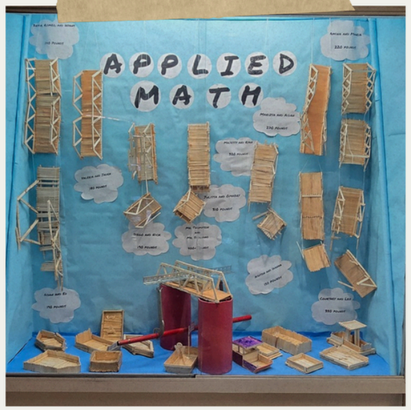






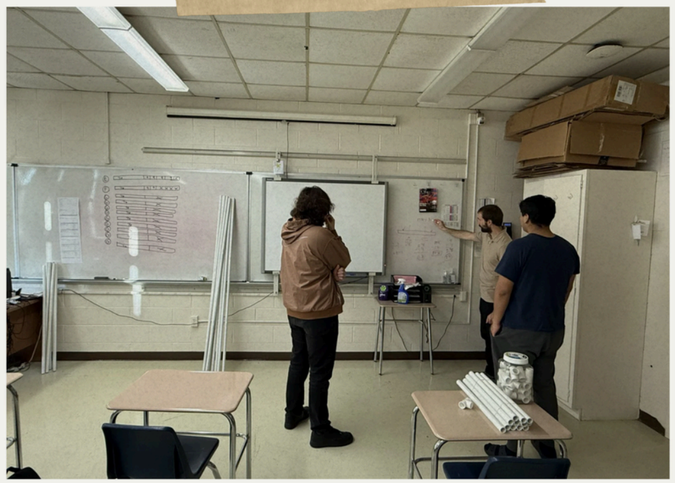


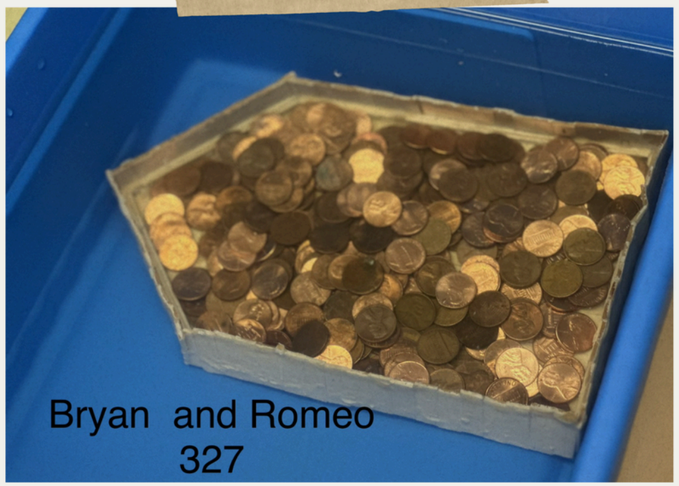



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MATH



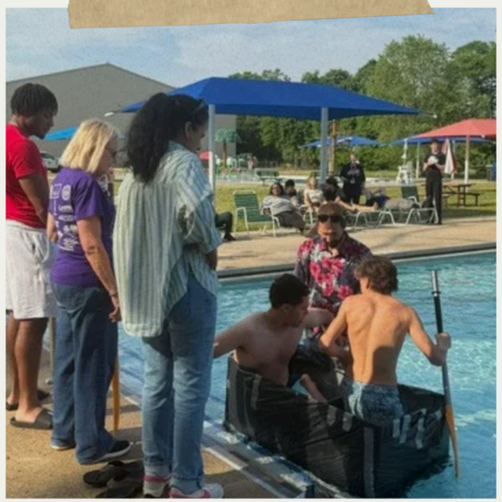

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Plumbing
Pipe Fittings
Valves
PVC
Pipe




Bryan and Romeo
327













Impact

Students

- Increased confidence and engagement
- Stronger problem-solving skills
- More relevance to life after high school

Impact

District

- Expands equitable access to math pathways
- Supports diverse learners
- Strengthens overall math program

Closing

- Students are engaged
- Students are thinking
- Students are succeeding

Questions?

Thank you!