



Instructor:

Mrs. Sandberg

Course:

Math 2



Driving Question

What is the meaningful problem to be solved or question to be answered that frames the project?

How can polynomial operations help business operations?

Authenticity & Sustained Inquiry

How does this project involve real-world context, tasks and tools, impact, or personal issues in the students' lives?

Students will be creating linear functions based on products they're selling for a new business, as well as the price they intend on selling the products at. They will be given insight into running a business based on these findings and how using polynomials can be made effective.

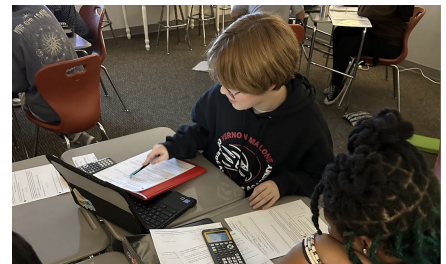
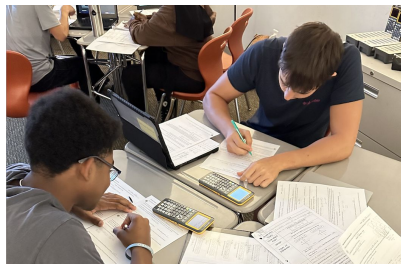
Public Products with Student Voice & Choice

What were some products students chose to make, and how did they share their products outside of the classroom?



Interested in seeing more past and current projects? Scan the QR Code to see!

Students chose products to sell and looked at potential profits.



Teacher Reflection

Teachers reflect on the PBL process, the quality of student work, and any changes to make for future use.

"This PBL activity ended up being a tough one for students, but many of them were really great with their productive struggle. The context made it more difficult to see the math problems they were meant to do. On reflection, I would like to take this same concept and turn it into a unit-long PBL, that way students can use the real-world context throughout the unit instead. Overall, still a small success!"

Student Reflections

Students reflect on the learning, the effectiveness of their inquiry and project activities, and obstacles that arose and strategies for overcoming them.

- “I realized I need to try and ask more questions if I need to but also pay attention to all of the details.”
- “It gave me some insight on starting my own business and the steps it would take to do so. This is helpful if I want to open a salon since I'm in the cosmetology program.”
- “I learned how to manage frustration when making mistakes and growing from those mistakes.”
- “I realized how important it is to read instructions and pay close attention to the wording in math problems to get the right answers.”
- “I had to take some criticism in this PBL and that I couldn't always be right.”

Noted Skills Gained

Real World Math Application

Decision Making

Business Building

Question Analysis

Teamwork