PROJECT TITLE: Real-World Graphing

COURSE: NC Math 1

INSTRUCTOR: Ms. Sandberg

PBL

VERNON MALONE
COLLEGE AND CAREER ACADEMY

DRIVING QUESTION

How can we use graphs to tell the story of a real-world event?

PROJECT SUMMARY

Students will use a combined group topic to create individual real-world story graphs that represent different components of their topics. They will also describe all of the features of their graphs with justifications. They will then present as a whole group their unique graphs and describe the features.

REAL-WORLD CONTEXT

Students are taking real-world examples to create their graphs. Their graphs will have to make context within the real world. Students can pick their specific graph within their real-world context so they can choose what interests them.

PRODUCTS & AUDIENCE

Group poster that covers their overall product but contains their individual graphs.

STUDENT REFLECTIONS

- "It was fun making up stories ourselves so we were able to interact more with real-world problems, especially finding more stories that could correlate with our Cici's Pizza theme."
- "The most helpful thing was everybody had a role so it wasn't overwhelming when it came to a task."
- "It helped when we had to have other groups read over our story and give us feedback, or like when Ms. Sandberg let us know that one of our graphs was wrong so we changed it before presenting."
- "The feedback was really helpful from other groups since they pointed out pieces that needed to be fixed that we couldn't see."
- "I learned now only about my graph but everybody's graph! I understood the math better after doing the project, and about communication and professionalism when presenting."

NC PORTRAIT OF A GRADUATE SKILLS GAINED

COLLABORATION   COMMUNICATION   CRITICAL THINKING
LEARNER'S MINDSET   PERSONAL RESPONSIBILITY

TEACHER REFLECTION

"I felt the PBL went pretty well! The stories they came up with were cute. I wish I had been there on the day they received feedback, as I felt I could have helped them clean up their stories and graphs. Overall, I liked the PBL Experience and I am looking forward to doing it again next semester!"