



INSTRUCTOR: MR. ACOSTA

COURSE: PHYSICAL SCIENCE



PROJECT SUMMARY

- Students will study the materials, concepts of chemistry, and design different STEM activities that would expose, influence, and inspire students to pursue a STEM career.



DRIVING QUESTION

- How can we encourage students to pursue careers in STEM?



SUSTAINED INQUIRY & AUTHENTICITY

- This PBL applies to their program areas because they will research well-known experiments.



STUDENT VOICE & CHOICE WITH PUBLIC PRODUCTS

- Students will be presenting their products in the classroom.



TEACHER REFLECTION

- The introduction of the project was alright with small student buy-in. If I were to change the beginning, I would've started with a smaller design sprint to see how they handled working with each other. The interview process felt weird since the business partner met up virtually, and it was hard to coordinate the camera and microphone to ensure all students were heard. At the end of the process, I would elongate the researching portion with a more structured feedback process for both the business partner and the students.



STUDENT REFLECTIONS

- "I learned how to make a list of problems and make a program out of it and then take steps to fix them."
- "I learned how to work with a team and properly market at a pitch event."
- "It was interesting to work with others who aren't just students."
- "I grew in taking the initiative and being a leader for team work."



NOTED SKILLS GAINED

- PROBLEM-SOLVING
- TAKING INITIATIVE
- PUBLIC SPEAKING
- MARKET & PITCH

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