PROJECT SUMMARY

- In this project, students will harness the power of Microsoft Excel 2019 to conduct quantitative research on a subject of their choice. Students will collect, organize, analyze, and present data in meaningful ways by selecting a tangible, real-world topic they are passionate about.

DRIVING QUESTION

- How can I use Excel to analyze real-world data and uncover meaningful patterns or insights about a subject of personal interest?

SUSTAINED INQUIRY & AUTHENTICITY

- This project bridges classroom learning with real-world applications by empowering students to explore topics that matter to them through authentic research and data analysis. By using Excel to organize, analyze, and present findings, students engage in sustained inquiry, mirroring professional workflows in fields like business, marketing, and science. Their final product—a polished Excel workbook with meaningful insights—demonstrates how data drives informed decision-making in everyday life and careers.

STUDENT VOICE & CHOICE WITH PUBLIC PRODUCTS

- Students created Excel workbooks and presented them.

TEACHER REFLECTION

- Reflecting on this project, it was rewarding to see students engage deeply with real-world data and apply Excel skills in meaningful ways, producing work that demonstrated both creativity and critical thinking. While most students excelled in organizing and visualizing their data, some needed additional support with advanced functions and analysis, highlighting an area for enhancement of instruction in the future. Overall, this PBL successfully connected the curriculum to real-world applications, and incorporating more checkpoints for peer collaboration could further enrich the learning experience.

STUDENT REFLECTIONS

- "I had to utilize good time management and really think about other people and their involvement in the project."
- "I used Microsoft Excel to demonstrate my research and learned how to organize the data effectively."

NOTED SKILLS GAINED

- RESEARCH
- DATA COLLECTION
- DATA ORGANIZATION
- MOS EXCEL

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