



SOFWERX



HCPS Macfarlane Park Elementary IB Magnet School STEM Event

23 October 2024

Event Outcomes

SOFWERX, in collaboration with Hillsborough County Public Schools (HCPS) Macfarlane Park Elementary IB Magnet School, hosted a STEM event for 4th-grade students as part of their IB Unit of Inquiry titled "How the World Works." This unit explored the central theme, "Scientific principles allow for innovation that enhances human life," and included topics such as the laws of science, innovation over time, and ingenuity's role in enhancing society. Approximately 65 students participated in hands-on activities, including a mini math challenge and a rapid prototyping exercise. These activities were designed to foster critical thinking and introduced students to the engineering design process, aligning with USSOCOM & SOFWERX missions to inspire innovation and practical problem-solving skills.

- SOFWERX staff led a rapid prototyping challenge where students worked in small groups, encouraging teamwork and innovative thinking in line with real-world engineering principles.
- During the event, SOFWERX introduced students to foundational concepts of critical thinking and rapid prototyping through interactive challenges, enhancing their understanding of innovation and scientific inquiry.

