



# MacDill Homeschool Community STEM Day

10 January 2025

## Event Outcomes

SOFWERX, in collaboration with MacDill Air Force Base Homeschool Community, hosted a STEM event for homeschool students from military families. The event provided participants with hands-on opportunities to engage in critical thinking challenges, engineering design activities, and a robotics building and information session. These activities were designed to align with the United States Special Operations Command (USSOCOM) & SOFWERX missions to inspire innovation, enhance educational outcomes, and promote equitable access to STEM opportunities. This event served as a model for how community-based partnerships can address educational equity and inspire the next generation of innovators, particularly among underserved populations such as military families.

- SOFWERX staff facilitated hands-on activities with approximately 80 participants, including robotics building and critical thinking challenges, enabling participants to develop skills in engineering, problem-solving, and innovation.
- At the event, SOFWERX introduced the homeschool community to the engineering design process through engaging and age-appropriate challenges, fostering a lifelong passion for STEM and promoting inclusion in structured STEM programs.

