

GENERAL INFORMATION

- » Officially authorized as a DoD Civil Military Program by Congress in FY93 (10 USC 2193b)
- » Hosted by the National Guard, Air Force, Air Force Reserve, Army, Navy, and Space Force
- » Over 100,000 students participate annually (basic and supplemental programs)
- » 84 locations including Puerto Rico and Guam
- » Indian reservation outreach programs
- » Average cost of approximately \$450,000 per program

POPULATION SERVED

- » Elementary and middle school students (primarily 5th grade)
- » Historically under-represented in STEM careers
- » Inner-city and rural communities
- » Racial or ethnic minorities
- » Socio-economically disadvantaged
- » Under-served and Title 1 schools

EFFICACY

- » 15% gain in knowledge (nationwide pre and post-test comparison)
- » Student attitudes towards STEM subjects and the military shift dramatically toward the positive
- » Participating teachers gave their highest ratings for students' improved understanding of science, interest in learning about science and technology, and increases in student confidence

CURRICULUM FY23

- » Science (Science Fundamentals, Characteristic Properties, Motion & Force, Science Explorations)
- » Technology (Applying Technology)
- » Engineering (Engineering Design Process, 3D Computer Aided Design)
- » Mathematics (Number & Number Relationships, Measurement, Geometry, Data Analysis)
- » STEM Careers (STEM Careers, Personal Investigations)



MISSION STATEMENT

To expose our nation's youth to the technological environments and positive civilian and military role models found on Active, Guard, and Reserve military bases and installations, nurture a winning network of collaborators, and build mutual loyalty within our communities, by providing 25 hours of exemplary hands-on STEM instruction and activities that meet or exceed the National Standards.

OUR GOAL

Provide an outstanding, unforgettable Science, Technology, Engineering, and Mathematics (STEM) educational experience for students and teachers in a hands-on, hi-tech, discovery/inquiry based environment on a military installation.

