

### 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 70,000 students participate annually (basic and supplemental programs)
- » 78 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

- » 26% 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 FY21

- » 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.

