JROTC STEM LEADERSHIP ACADEMY

Department of Defense DoDSTEM Science · Technology · Engineering · Mathematics

NSF

THE WHAT

Future JROTC Summer Camps with STEM and Workforce Experiences

THE WHY

National call for DoD and Industry STEM Workforce Development

THE ASK

$7M/year to grow 100 Academies over 10 years

THE ACADEMY TEACHES STEM curricula that reflect state workforce needs in...

MANUFACTURING

AVIATION

MARITIME

THE ACADEMY

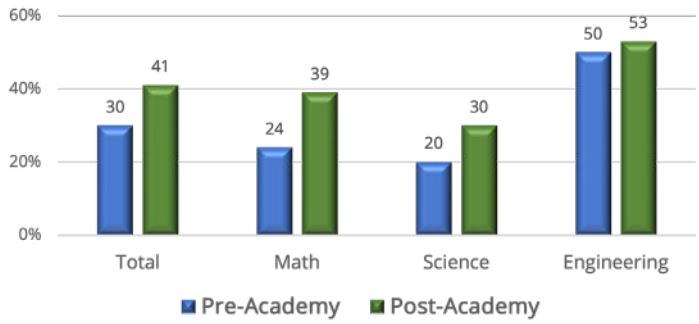
Combines

- JROTC training
- STEM activities
- Industry visits
- Guest speakers

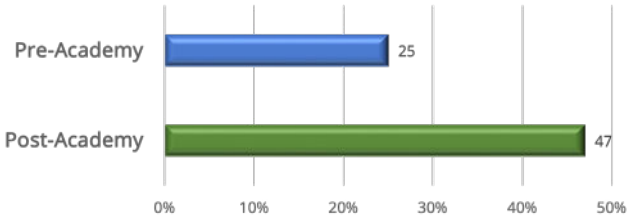
Builds

- Skills for successful careers
- Knowledge of STEM concepts
- Awareness of STEM jobs
- Confidence taking STEM courses

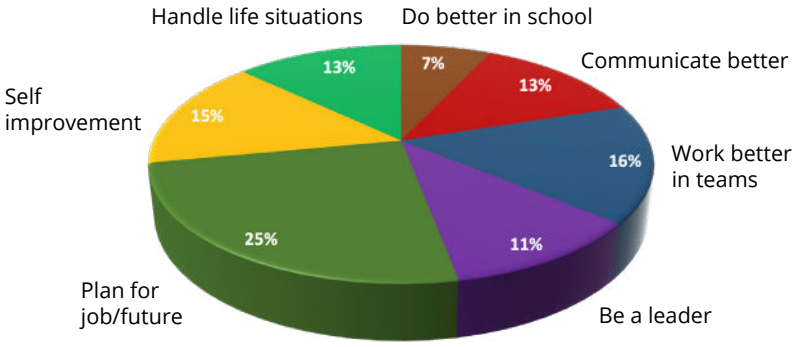
Students Correct Answers to STEM Questions



Students Awareness of Good-paying STEM Jobs



Students Future Use of Academy Experiences



THE ACADEMY INVOLVES

- JROTC Directors
- School Superintendents
- High School STEM Teachers
- High School Students Grades 9-11
- Community Partners
- Mentors, Evaluation Researchers

NOW

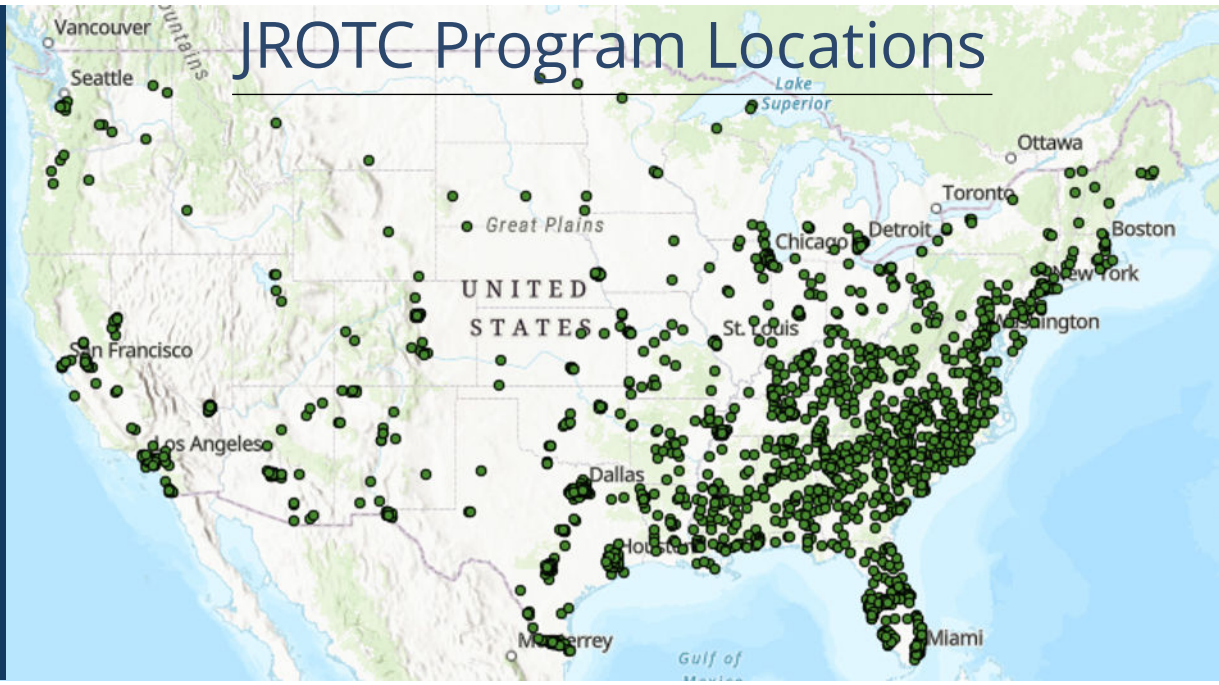
From 2021-2025 the Academy replicated to 11 sites across the United States supported by a $6,000,000 grant from DoD STEM.

JROTC STEM Leadership Academies

NEXT

100 Academies across the country addressing DoD and industry needs.

JROTC Program Locations



CONTACT

Start action to institutionalize the Academy across JROTC camps nationwide by contacting these JROTC STEM Leadership Academy leads!

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EOE/F/M/VETS/DISABILITY