

Outreach Initiatives

Getting others from your community
involved in REC Foundation Programs

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ROBOTICS EDUCATION &
COMPETITION FOUNDATION

SUMMIT

| VEX ROBOTICS PROGRAMS |



Introduction

Mission & Vision



Mission

The Robotics Education & Competition Foundation's global mission is to provide every educator with competition, education, and workforce readiness programs to increase student engagement in science, technology, engineering, math, and computer science.



Vision

We see a future where every student designs and innovates as part of a team, overcomes failure, perseveres, and emerges confident in their ability to meet global challenges.



**Inspiring students,
one robot at a time.**



Current Efforts

The REC Foundation reaches students in many ways

Some of the many ways we reach students

- JROTC
- Texas UIL
- NRSC @ AIDB
- GSA
- NREA
- SWE
- NSBE
- SO
- Indigenous
- 4H
- School conference
- APAC (Asia Pacific Athletic Conference)

A photograph of three students in military uniforms, likely part of a Junior Reserve Officers' Training Corps (JROTC) program. They are standing behind a checkered barrier, possibly at a VEX Robotics competition. The student on the left is a young man with glasses, wearing a dark uniform and a lanyard with a badge. The student in the center is a young woman wearing large, dark goggles and a dark uniform with a name tag that says "WONG". The student on the right is a young man wearing safety glasses and a dark uniform with a name tag that says "JACK". All three students are cheering with their hands raised. The background is blurred, showing an indoor setting with other people and equipment.

Junior Reserve Officers' Training Corps

High School Program

- Army
- Air Force
- Marines
- Navy
- Space Force
- National championship in 2026
- Work with Cadet command and local teachers

Designating Robotics As Sport

Several states/regions now include competitive robotics as a sport

- Texas UIL
- Minnesota
- Connecticut
- Arizona
- Missouri
- APAC (Asia Pacific Athletic Conference)

SASA (Student Association for STEM Advocacy)
Advantages of designating robotics as a sport



Professional Organizations

Partnerships with professional societies and organizations

- Society of Women Engineers
- National Society of Black Engineers
- American Indian Science and Engineering Society
- Society of Manufacturing Engineers
- National Rural Educators Association
- Texas Rural educators association



REC Foundation Partners

Partnerships with other organizations

- National Regional STEM Center @ Alabama Institute for the Deaf and Blind (National Technical Institute for the Deaf)
- Girl Scouts of America
- Special Olympics
- 4-H
- NASA
- Universities



REC Foundation Reaching Students



Other models

- Indigenous events on reservations
- School conference model
- Google Data Centers

Ideas From The Community

Brainstorming

What ideas do you have?

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-
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Contact

We are here for you

Event Partners are the core of our competition program here at the REC Foundation. Please reach out to us with any questions or concerns. Thank you for all of your support.

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Resources



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