



Take plywood, PVC of various sizes, threaded rod, boxes of screws, washers and nuts, lots of other hardware, Velcro, piano wire, aluminum rods, a bicycle inner tube, an assortment of other odds-and-ends, and a VEX robotics kit, and give it all to a team of students with the challenge to design and build a functioning, competitive robot in six short weeks.

What do you get?

- the excitement of a basketball game
- the strategy of a chess match
- the intellectual challenge of a science fair
- the pressure of a competitive sporting event

...plus hundreds of screaming fans, pep bands, cheerleaders, music, dancing, and mascots.

BEST Student: "I worked my hardest for six weeks building a robot, I got my butt kicked competing with it and lost, and I am a happy man because now I feel actually qualified to build another one!"

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Boosting Engineering, Science & Technology

Middle & High School Robotics Competition



BEST is less about building robots and more about teaching students how to analyze and solve problems. What BEST students learn is what industry needs in its future workforce and what communities need in their future leaders.

Our Mission is to engage, excite, and inspire students to pursue careers in engineering, science, and technology through participation in a sports-like science and engineering based robotics competition.

Core Values

Students are the sole participants and primary decision makers, designers, and builders.

Any student may participate.

No registration fee and robot building kit and materials are provided at no cost to participating schools.

Any school may participate regardless of type, size, location, or socioeconomic status.

Teams may compete in:

- oral presentations
- technical writing
- marketing & exhibit design
- spirit and sportsmanship
- CAD design
- website design
- video production ... **and more.**



BEST Mentor: "Every student who graduates high school must get a job and make a living. The BEST program improves the chances for our children to be competitive in the workforce."



Our Objectives

Provide students with a real-world engineering experience that incorporates the practical application of math and science.

Prepare students to be technologically literate and thus better prepared to enter the workforce.

Help students develop leadership, project management, teamwork, and organizational skills.

Help disadvantaged students become more involved in STEM.

Develop students' confidence and competence through self-directed learning, decision-making, abstract thinking, and problem-solving.

National BEST Facts

1993 began as a single event for high schools in Texas – 24 schools, 222 students.

2014 45 community-based sites (hubs) in 19 states.

2014 Over 10,000 volunteers help 842 schools, and more than 15,000 students participate.

