

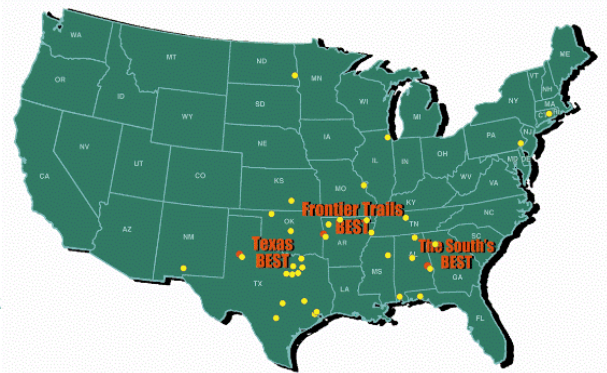
Capitol BEST Robotics Competition

Sponsored by the
Technology & Education Executive Council



What is BEST Robotics?

- BEST...Boosting Engineering, Science and Technology.
- BEST is a non-profit, volunteer-based organization whose mission is to inspire students to pursue careers in engineering, science and technology through participation in a sports-like, science and engineering-based robotics competition.
- BEST's target audience is middle school and high school students.



How Does the Competition Work?

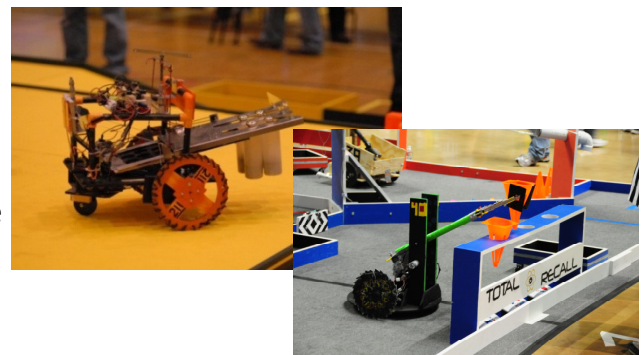
- Each school is provided identical kits of equipment and parts, a set of game rules, and given six weeks to design, build, and test a small radio-controlled robot that outperforms other robots.
- The game objectives and competition field change every year.
- There is **no fee for schools to participate** in BEST.

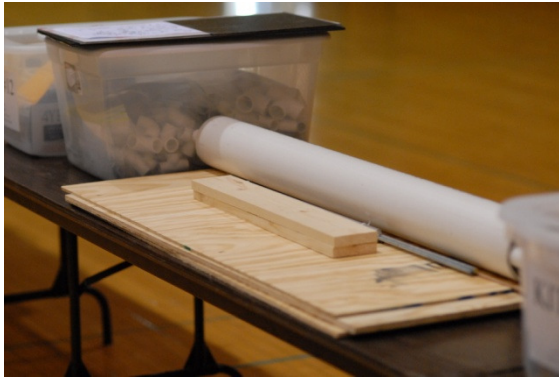


- BEST features:
 - A robotics game, which is based on an annual theme with teams competing in a series of three-minute, round-robin matches.
 - The BEST Award competition, which is presented to the team that best embodies the concept of “Boosting Engineering, Science, and Technology.” Elements include a project engineering notebook, marketing presentation, team exhibit, and spirit and sportsmanship.
- Engineers and other technical professionals from local industries serve as team mentors who advise and guide students through the design and construction of their robot – however the students perform all of the work.



- The competition is **FREE** for schools to participate!
 - All materials are supplied to the schools at no charge.
 - The only costs schools incur are for travel, meals, and incidentals.
 - Each school can enter one team and there is **no limit** to the number of students who can participate on the team.



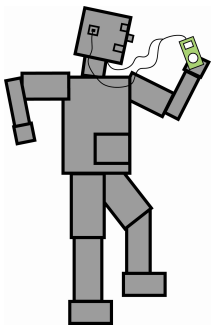


Why Participate in Capitol BEST Robotics?

- It's an incredible hands-on learning experience for students!
- It helps prepare our nation for the projected shortage of engineers in the workforce by investing in our students' educational experience.
- Capitol BEST is in its 11th year of existence, hosting 28 teams annually and reaching over 360 students in the area each year.
- We have recently started new hubs in Waco and San Marcos to make even more room for new teams in Austin.

The theme of the 2010 game is:
BUGS!

While the details of the game remain **TOP SECRET** until the Kick-Off, teams can view a short "teaser" video at www.bestinc.org.



2011 Capitol BEST Dates (tentative)

Mid-August (TBA): Teacher & Mentor Workshop

Teachers and mentors learn about all aspects of the competition, including the technical aspects of building a robot and the non-technical aspects of competing for the BEST Award.

September 10th: Kick-Off Day

The Kick-Off Day is when the playing field and game are revealed to the teams for the first time. Teams learn the objectives of the game and receive their kit of parts to build a robot.

October 1st and 15th: Practice Days

Practice Days are held at Roger Beasley Volvo in Georgetown and at the Texas State History Museum in Austin. These events are opportunities for teams to practice driving their robot on the competition playing field, scope out the competition, get technical help and make modifications to their robot.

October 22nd: Game Day

The Game Day event is held at one of our local high schools. This is the main event where teams face-off to see who is the BEST team in town. A full day of activity, robot matches, exhibits, and fun!

For more information contact:

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Signup Your Team Today At:
<http://www.capitol-best.org>