



KISS Institute for Practical Robotics
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FACTSHEET: BOTBALL PROGRAM

- Botball robotics is centered around computer programming, system design and sensing, in addition to engineering. The robots are never joystick-driven.
- Botball robotics gives a two-day hands on teacher training workshop in every region, with personalized attention for the educators, for long-term impact.
- **Only students** design, build, and program the robots in Botball. Professionals don't build the robots, so the students learn by doing.
- **Botball equipment is reusable** and becomes a permanent asset of the school to be used in classrooms and clubs for years to come.
- Botball requires written documentation of the project management and mechanical processes, as well as a verbal presentation to judges, promoting communication skills.
- No machining is required for students to build their own original robots to play in the tournaments. The kits are self-contained.
- Botball is for both middle and high school students.
- Botball costs \$2,500 per team, which includes all robotics equipment plus participation in the 2 day workshop and the regional Botball Tournament. Schools keep all the equipment, which is reusable for classrooms and extracurricular activities for years.
- The headquarters for KISS Institute for Practical Robotics, the organization behind Botball, is located in Oklahoma, where it has been since 1999.
- Botball is affiliated with the Global Conference on Educational Robotics, which gives students a much broader perspective on how their robotics projects relate to the needs of the larger world community.
- The Global Conference provides featured speakers, showcases, and breakout sessions and includes the International Botball Tournament for middle and high school students, as well as the Beyond Botball Challenge for college students and adults.
- Over 6,000 students participate in Botball every year, and over 40,000 have participated over the course of its history.
- In 2009, teams from 22 states and 5 countries outside of the United States will play Botball, gaining our major sponsors wide exposure among pre-college youth as well as their families and schools.