

Botball Educational Robotics Program

Getting Started

HOW TO REGISTER For the Botball Educational Robotics Program:

- 1.) Visit www.botball.org and complete the on-line registration form.
- 2.) Begin recruiting students for your Botball team.
- 3.) Mark the dates for the Botball Educator Workshop on your calendar.
- 4.) Arrange for your team's registration fee (some scholarships may be available).
- 5.) Check your e-mail often for updates and information.



How to establish your team

Botball provides the flexibility for you to organize your team as you wish. In the past we have seen schools organize teams with anywhere from 5-30 students. Some schools use Botball as part of a specific class project, while others use it as an extracurricular club at the school. Some students who may not do well in traditional classroom situations have done extraordinarily well in this program, including students from continuation schools. Botball has also been used quite successfully as content for a middle school ESL program (particularly with girls), and some of these students have gone on to the local science and math magnet school. How you organize Botball and select students is up to you.

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Botball programs run in the spring starting off with a two day hands on Educator Workshop. At this time teachers will learn how to use all the components in the Botball Robot Kit, how to use it to support their current curriculum, or how to use it in conjunction with curriculum and activities from our website. Teachers then take their official Botball Robot Kit back to their students. The student teams will have about seven weeks to design, build, document and program an original team of autonomous mobile robots to compete in the regional Botball Robot Tournament. The regional Botball Robot Tournament is open to the public. We encourage family, friends, and the general public to come and cheer on their teams. Student teams get to show off their robots during the seeding rounds, which are followed by an exciting double elimination tournament.

Botball is a fun, highly engaging process that can also be used to teach leadership, teamwork, time management, organization, design, and other topics. We will provide you with necessary programming languages and applications. At the conclusion of the activities, participating schools keep their robot equipment and software licenses. Many teachers use the kit to enhance lessons, hold school-wide robot tournaments, or organize a robotics club.

To Find out More Information

Please Visit: www.botball.org or call (405) 579-4609

