



# Springboro Robotics



**SPRINGBORO ROBOTICS** works with the **FIRST Lego League** program to increase student interest in math and science. **FIRST Lego® League (FLL)** is a partnership between the non-profit group **FIRST (For Inspiration and Recognition of Science & Technology)** and the **Lego®** company. Springboro Robotics promotes team building, problem solving, creativity, and analytical thinking with a hands-on philosophy that incorporates the **Lego Mindstorms™** technology. Over a **4 month** period, teams of up to **10 students ages 9 through 14** strategize, design, build, program, experiment, test and refine a fully autonomous robot capable of completing pre-assigned missions. Teams research a predefined scientific subject and develop a presentation on a specific topic in that field. The season culminates with a local tournament. Top performing teams at the local tournament are invited to state & international tournaments.

## About the Springboro Robotics Program...

- ◆ No prior experience with Lego® Mindstorms™ or FIRST Lego® League is necessary.
- ◆ Open to students in Springboro Junior High School and Springboro Intermediate Schools.
- ◆ Teams meet about twice a week for 1 - 2 hrs per meeting (more frequently as tournaments approach)
- ◆ The season begins at the start of the 2008-09 school year (late August / early September).
- ◆ The local tournaments are in December 2008. The state tournament is in January 2009.
- ◆ The \$75 participation fee is due on or before **5/31/08**. (Make checks to "**Springboro Robotics**".)
- ◆ Applications accepted in the order in which they are received. Late applicants may be put on a waiting list.
- ◆ For more information, contact **Jerry Brewster (885-1521 or BoroRobotics@SBCglobal.Net)**.

Student's Name \_\_\_\_\_ Grade \_\_\_\_\_ Birth Date \_\_\_\_\_

Address \_\_\_\_\_

Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

Email Address \_\_\_\_\_

Parent's Name(s) \_\_\_\_\_

(OPTIONAL) Provide the name(s) of other participants with whom you wish to be teamed:

### \* COACHES & MENTORS NEEDED \*

No experience necessary. Training is provided.

Yes! I'm interested in being a:

Team Coach

Assistant Coach

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

# Springboro Robotics - Student / Parent Contract

This contract is to insure that students and parents understand the responsibility and commitment required for participation in the Springboro Robotics program. Breach of this contract may result in dismissal from the program with no refund of the participation fee.

## STUDENT CONTRACT

(Please check each item you can honestly agree to.)

- I realize that no problem has only one solution, and that a successful team is one which cooperates by considering EVERYONE'S solution and ideas. I will not criticize anyone's ideas.
- I agree that my behavior at meetings and tournaments will be constructive.
- I agree that each team meeting is valuable and I will attend each meeting as best I can. If a conflict arises, I will notify my coach in advance.
- I agree to cooperate on whatever solution the team chooses, even if it is not my first choice.
- I agree that all solutions will be my work or the work of my teammates.
- I understand that the FLL program recognizes all teams that bring a solution to the tournaments are considered winners. I agree to show other teams the utmost respect and good sportsmanship.
- I agree that the goal of my team should be to do our best to solve a challenging problem.
- I agree to stick with Springboro Robotics all season, even if I sometimes get frustrated.
- I agree to HAVE FUN!

Signature of team member \_\_\_\_\_ Date \_\_\_\_\_

## PARENT CONTRACT

- I agree, in the spirit of FLL, not to interfere with the team's solutions. All creations, inventions, and ideas must come from the team members.
- I understand that my child has a commitment to his/her team. I agree to make every effort to have my child attend all team meetings. If there is a conflict, I will notify the coach as soon as possible.
- I understand that my child's coach is a volunteer and as such is not compensated by the Springboro Robotics program or the Springboro School District. I realize that this coach will be contributing a significant amount of time and effort to provide a rewarding experience for my child and the team. I will be as cooperative and helpful as possible to insure their success.
- I understand that the Springboro Robotics participation fee pays for equipment, registration fees, and materials that cannot be returned. Should my child withdraw from the program prior to Sept. 6, 2008, I am entitled to a refund of \$50. There will be no refunds on or after September 6, 2008.
- I agree to hold harmless the team coaches, volunteers, program coordinator, and the Springboro School District for any injuries that may occur during participation in the Springboro Robotics program.

Signature of parent \_\_\_\_\_ Date \_\_\_\_\_

Mail completed application with \$75 participation fee BEFORE **May 31, 2008** to:

**Jerry Brewster • 50 Wilkerson Ct. • Springboro • OH • 45066**