



2024

SPRINGBORO ROBOTICS FIRST® LEGO® League Explore APPLICATION



EXPLORE

(for students who are 6 through 9 years old)

Student's Name:		Gender: Male / Female	Birthdate:
Address:		School: (in September 2024)	Grade: (in Sept 2024)
Parent1:	Email:	Phone:	
Parent2:	Email:	Phone:	

Provide the name(s) of others with whom you wish to be teamed (optional):

<p>* PARENTS, WE NEED COACHES!!! *</p> <p>No experience necessary. Training is provided.</p>	<p>Yes! I'm interested in being a:</p> <p>Name: <input type="checkbox"/> Head Coach <input type="checkbox"/> Assistant Coach</p> <p>Phone:</p>
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SPRINGBORO ROBOTICS is an extracurricular program that uses the **FIRST®** family of programs to promote student interest in the STEM subjects (science, technology, engineering, and math). **FIRST® LEGO® League Explore** (formerly FLLJr) 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, public speaking, problem solving, creativity, and analytical thinking with a hands-on philosophy that incorporates **LEGO®** elements and electronics. **FIRST® LEGO League Explore** has captured the imagination and minds of thousands of children. Each year, **FIRST** designs a new and exciting challenge to ignite the inherent creativity in young children. Over a **4 to 8**

month period, teams of up to six students **ages 6 to 9** research the theme, assemble an informative "Show-Me" poster, construct and program a **LEGO** model with a simple machine and a preprogrammed, motorized moving part that illustrates what they've learned and demonstrates what they've created.

Each year, **FIRST® LEGO® League Explore** focuses on a specific theme that affects our everyday lives. In prior years, participants have studied natural disasters, trash, animals, outer space, architecture, physical fitness, shipping, energy, and the arts. In the 2024/2025 season, we expect to study water.

Mail this completed application with the **\$95** participation fee on or before **May 22, 2024** to:
SPRINGBORO ROBOTICS • 50 Wilkerson Court • Springboro • OH • 45066

Website: www.borobots.org

E-Mail: info@borobots.org

IMPORTANT: A \$25 late fee will be applied to applications postmarked or submitted after May 22, 2024.



Frequently Asked Questions about FLL Explore & Springboro Robotics

Q: How old do I need to be to participate in FIRST® LEGO® League Explore?

A: FIRST® LEGO® League Explore is open to Springboro students in 1st through 4th grade who are between the ages of 6 - 9 years old at any time during the season (birthdate between Jan 1, 2014 & Dec 31, 2018 / essentially born in 2014 to 2018).

Q: How often and where will my team meet?

A: This is up to the team. Typically, FLL Explore teams meet in a Springboro school classroom or in a coach's home once or twice a week for no more than 60 to 90 minutes per meeting.

Q: How long does the season last?

A: The FIRST LEGO League Explore season "officially" kicks off in August and concludes with a "festival" (public presentation) usually in December, January, or February and concurrently with another robotics tournament. Teams are more than welcome to begin meeting prior to August and/or continue meeting after their last festival.

Q: My child plays with LEGO all the time. Won't he or she be a natural in Springboro Robotics?

A: Not necessarily. FIRST LEGO League Explore is much more than building with LEGO. Construction is just one facet of FLL Explore. Participants spend an equal amount of time doing project research and polishing their teamwork skills. The students who enjoy FLL the most are those who enjoy research and who work well with others.

Q: How do I sign up to be on a Springboro Robotics FIRST LEGO League Explore team?

A: Complete the attached application and send it to **SPRINGBORO ROBOTICS, 50 Wilkerson Ct, Springboro, OH 45066** with a check for **\$95** made out to "Springboro Robotics". **A \$25 late fee will be applied after 5/22/24.**

Q: Can my child be on a team with his or her friends?

A: Absolutely! (Actually, this is recommended.) The best way to be teamed with your friends is to write their name(s) in the appropriate space on your application and encourage the friend to write your name on their application.

Q: What if my child is not selected to be on a Springboro Robotics team?

A: Springboro Robotics has limited resources (coaches, robot kits, practice space, computers, etc.). Consequently, student participation is limited and cannot be guaranteed. Priority is given to coach's children and applications received on or before **May 22, 2024**. The program director and coaches have the final say in the selection of the teams. If your child is not chosen to be on a team, the participation fee will be refunded in full. Students who leave the program before Sept. 1, 2024 will receive a \$45 refund. No refunds will be issued on or after Sept 1, 2024.

Q: Where can I find out more about Springboro Robotics and FIRST LEGO League Explore?

A: Springboro Robotics - www.borobots.org
FIRST LEGO League - www.firstlegoleague.org & www.firstinspires.org
Ohio FLL - www.wpafbstem.com/FLLjr/FLL_explore.html

Q: What if I have questions that are not answered in this F.A.Q. or on the websites?

A: Questions should be directed to the Springboro Robotics program director at jbrewster@borobots.org.

Q: What experience or knowledge do I need in order to be a coach or mentor?

A: **NONE!** We will train you and provide you with all the materials and tools you need to coach a successful team. You **DON'T** need a degree in engineering, education, or even years of experience working with computers. All you need is patience and a desire to help kids learn while having fun. Best of all, this opportunity is very rewarding!