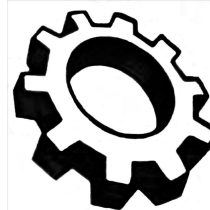
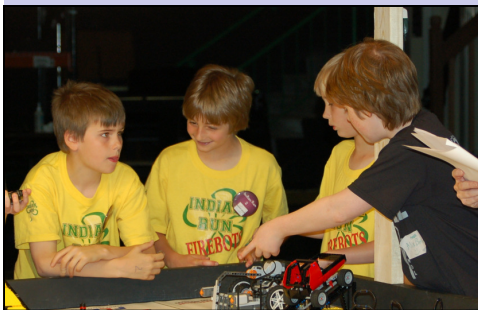
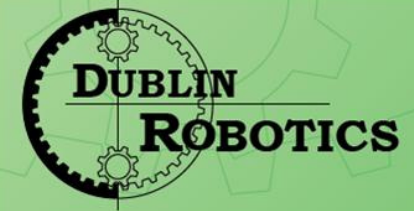


For information on Robotics
programs in Dublin City Schools,
please visit
Www.DublinRoboticsBoosters.org
and click on the "Contact Us" link

*LEGO Robotics combines robotics,
computer programming, team-
work, problem-solving skills and
LEGO building in a fun and
competitive environment.
It's a sporting event for the mind.*



www.DublinRoboticsBoosters.org
PO Box 2059
Dublin, Ohio 43017



FIRST LEGO League Robotics

Think it...

Design it...

Build it...



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What is FIRST?

FIRST (For Inspiration and Recognition of Science and Technology) is a multinational, non-profit organization that aspires to transform culture, making science, math, engineering, and technology as cool for kids as sports are today.



FIRST was founded in 1989 by Dean Kamen, inventor of the Segway Human Transporter. FIRST operates the FIRST Robotics Competition in which teams of high school students, sponsored and assisted by local companies and volunteers, design, assemble, and test a robot capable of performing a specified task in competition with other teams. FIRST also runs the FIRST LEGO League, for children 9-14 years old, and FIRST Place, an innovative science and technology center, including a hands-on children's science museum.

FIRST was founded on partnerships with businesses, educational institutions and government. Many Fortune 500 companies provide funding, in-kind donations and volunteers to support the program.

The key to FIRST's success is the work of over 25,000 volunteer mentors, professional engineers, teachers, and other adults working with students across the country. In addition to the thousands of volunteer team mentors, FIRST competitions and other events were organized and staffed by over 14,000 event and committee volunteers. Through these volunteers, FIRST programs engaged over 70,000 young people during the last year. FIRST programs are growing rapidly in the United States and Canada, and demand is accelerating in other countries. (www.usfirst.org)

What is FIRST LEGO League?



FLL is a result of an exciting alliance between FIRST and the LEGO Company. Guided by adult mentors and their own imaginations, FLL students solve real-world engineering challenges, develop important life skills, and learn to make positive contributions to society. FIRST LEGO League International introduces children around the world to the fun and experience of solving real-world problems by applying math, science, and technology. (www.firstlegoleague.org)

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What is Dublin FIRST LEGO League?

The Dublin Lego League Robotics teams are designed for ages 9-14, typically grades 4-8. Teams can consist of all elementary, all middle school students or a combination of the two.

Teams of 4-10 students (average is 6 students per team) are typically parent-coached. Mentors are available to assist teams from the Dublin High School Robotics Team, Bad Robots, as well from The OSU School of Engineering.

Students use LEGO® MINDSTORMS™ Robotics to build a robot to accomplish them-based tasks on a 4x8' field. Teams use LEGO® bricks and other elements such as sensors, motors, and gears, teams gain hands-on experience in engineering and computer programming principles. Teams also research real-life issues and present their solutions in their own fun and unique ways.

The season begins in September, with Regional Tournaments typically taking place in December. Some teams may move on to the State Tournament in February.

