



FIRST Robotics combines the excitement of sport with the rigors of science and technology.



FIRST Robotics Programs

- FIRST Lego League (FLL) Discover Ages 4-6, PreK-grade 1
<https://www.firstinspires.org/robotics/fll>
- FIRST Lego League (FLL) Explore Ages 6-10, grades 2-4
<https://www.firstinspires.org/robotics/fll>
- FIRST Lego League (FLL) Challenge Ages 9-14, grades 4-8
<https://www.firstinspires.org/robotics/fll>
- FIRST Tech Challenge (FTC) Ages 12-18, grades 7-12
<https://www.firstinspires.org/robotics/ftc>
- FIRST Robotics Competition (FRC) Ages 14-18, grades 9-12
<https://www.firstinspires.org/robotics/frc>

Schedule

May-June: Teams apply for Grants

August: FLL Teams Kick Off

September: FTC Teams Kick Off

November – December: FLL Regional Qualifiers

January: FRC Teams Kick Off

January – February: FTC Team Regional Qualifiers

March: FTC PA Championship

April: FIRST Mid-Atlantic District Championship

April-May: FIRST World Championship

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What is FIRST Robotics?

For Inspiration and Recognition of Science and Technology (FIRST) is an international youth organization that operates the following programs:

FIRST LEGO League (FLL) Discover
FIRST LEGO League (FLL) Explore
FIRST LEGO League (FLL) Challenge
FIRST Tech Challenge (FTC)
FIRST Robotics Competition (FRC)

Mission

The Mission of *FIRST*® is to inspire young people to be science and technology leaders and innovators, by engaging them in exciting mentor-based programs that build science, engineering, and technology skills that inspire innovation and foster well-rounded life capabilities including self-confidence, communication, and leadership.

Methodology

Engage kids in kindergarten through high school in exciting, mentor-based, research and robotics programs that help them become science and technology leaders, as well as well-rounded contributors to society.

Support

NSWCPD (Naval Surface Warfare Center, Philadelphia Division) helps teams secure grants sponsored by DoD STEM and provides mentorship of teams by scientists and engineers.

Ask Us

STEM inbox:
nswcpd_stem@navy.mil

Engage Us

NSWCPD STEM:
www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Philadelphia/Partnerships/STEM-Programs/



For additional information please visit <https://www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Philadelphia/>