

FIRST® LEGO® League introduces young people, ages 9 to 16\* (grades 4-8), to the fun and excitement of science and technology. Children program an autonomous robot (using a LEGO® MINDSTORMS® robot set) to score points on a thematic playing surface, create innovative solutions to a problem, all while being guided by the program's signature Core Values. \*Ages vary by country.



**Each year** FIRST® LEGO® League releases a new Challenge for our teams. The Challenge is released in late August. The Challenge has three parts.

- Robot Game: Build and program an autonomous LEGO MINDSTORMS robot.
- **Project:** Teams learn more about the science behind the Challenge theme and design a solution to solve a real-world problem.
- Core Values: The Core Values are part of what makes FIRST LEGO League so special, because kids compete like crazy but still respect their teammates, coaches, and even their "competitors." – and they have FUN!





## You need:

- Field Setup Kit
- LEGO MINDSTORMS robot set



## You need:

- Up to 10 team members
- Meeting space
- Computer with internet access
- 2 Coaches







day is your deadline to complete the Robot Game and Project. Celebrate your season by attending one!

## Be in the know:

- The Challenge releases in August.
- Visit <u>www.firstlegoleague.org</u> for all of the needed information.

