

**Architects** design and construct **buildings**. They combine science and art to make buildings and **structures** for their **clients**. Sometimes they make new buildings and sometimes they redesign old ones.



They work as part of a larger team, just like yours. **Structural, civil and environmental engineers** make sure a project suits its **site**. Construction workers like electricians, plumbers and carpenters, and **project managers** make sure the job stays on time and within budget. Every role is important to get the job done.

Our cities and towns face big issues, like transportation, **accessibility** and even natural disasters. How can we shape a better future for everyone? It will take teamwork and imagination. Are you ready to build a better tomorrow together?

## Throughout your season, you'll be guided by the **FIRST® Core Values**

We express the **FIRST®** philosophies of *Gracious Professionalism®* and *Coopertition®* through our **FIRST** Core Values:



## In the Robot Game, your team will:

- **Identify** Missions to solve.
- **Design**, build and program a LEGO Robot to complete the Missions.
- **Test** and refine your program and design.

Your Robot will have to navigate, capture, transport, activate, or deliver objects. You and your Robot will only have **2½ minutes** to complete as many Missions as possible. So, be creative!

## In the Innovation Project, your team will:

- **Identify** a problem with a building or public space in your community.
- **Design** a solution.
- **Share** your solution with others and then refine it.

At official events, your team will present your Project, including the problem, your solution, and how you shared it, in a 5-minute presentation.



**FIRST®** LEGO® League is the result of an exciting alliance between **FIRST®** and the LEGO® Group.

