In FIRST® LEGO® League Explore, teams of students ages 6-10 focus on the fundamentals of engineering as they explore real-world problems, learn to design and code, and create unique solutions made with LEGO® bricks and powered by LEGO® Education SPIKE™ Essential.

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

- **Discovery**: We explore new skills and ideas.
- **Innovation**: We use creativity and persistence to solve problems.
- **Impact**: We apply what we learn to improve our world.
- **Inclusion**: We respect each other and embrace our differences.
- **Teamwork**: We are stronger when we work together.
- **Fun**: We enjoy and celebrate what we do!

**CHILDREN:**
- Build and program a model that moves using LEGO Education SPIKE™ Essential
- Document their work in individual Engineering Notebooks and present their team research journey in a collaborative team poster
- Learn teamwork skills
- Build self-confidence, knowledge, and life skills

**WHAT IT OFFERS:**
- New real-world theme each year
- Builds STEM skills and develops habits of learning
- Culture of sharing, learning, and fun
- Engagement of kids in meaningful, hands-on experimentation
- Presentation skills development
- Community-hosted events and official FIRST LEGO League Explore Festivals

**HOW IT WORKS:**
- Teams up to six children, ages 6-10
- Adult coaches and mentors needed to guide the team
- Parents, grandparents, teachers, community volunteers
- Meeting place (school, after-school, homeschool, or community space)
- 12 guided sessions
- LEGO Education SPIKE™ Essential (reusable) and annual Explore Set

"My favorite part is working together as a team and building together”

— ANGELINA, TEAM MEMBER
FIRST LEGO League introduces science, technology, engineering, and math (STEM) to children ages 4-16 (ages vary by country) through fun, exciting hands-on learning. The program consists of three divisions by age group: FIRST® LEGO® League Discover (ages 4-6); FIRST® LEGO® League Explore (ages 6-10); and FIRST® LEGO® League Challenge (ages 9-16).

**The Research Group, The Lawrence Hall of Science, 2014, Engaging and Activating Youth STEM Learners: Junior FIRST LEGO League Evaluation Study. FIRST®, the FIRST® logo, Gracious Professionalism®, and Coopertition® are trademarks of For Inspiration and Recognition of Science and Technology (FIRST). LEGO® and the SPIKE logo are trademarks of the LEGO Group. FIRST® LEGO® League is a jointly held trademark of FIRST and the LEGO Group. © 2023 FIRST and the LEGO Group. All rights reserved. FE002**