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 or WeDo 2.0.

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 or WeDo 2.0
• 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 sessions
• LEGO Education SPIKE™ Essential (reusable) or WeDo 2.0 and annual Inspire Set

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

— ANGELINA, TEAM MEMBER

**AGES**
6–10

**GRADES**
2-4
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).

**Brandeis University, 2013 FIRST® LEGO® League Evaluation Study
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