



# HOW IT WORKS

AGES  
4-6

GRADES  
PreK-1

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!

*FIRST*® LEGO® League Discover is a playful introductory STEM program for children ages 4-6 that ignites their natural curiosity and builds their habits of learning with hands-on activities in the classroom and family engagement activities to extend learning at home using LEGO® DUPLO® bricks.

#### CHILDREN:

- Are introduced to the fundamentals of STEM while working together to solve fun challenges and build models using LEGO bricks

#### WHAT IT OFFERS:

- New real-world theme each year
- Understanding the basics of STEM; Building habits of learning
- Culture of sharing, learning, and fun
- Engagement of kids in meaningful, hands-on experimentation
- Alignment with national educational standards
- In-school events

#### HOW IT WORKS:

- Class Pack offering designed for 8 children, ages 4-6
- Classroom or structured after-school program
- Adult coaches and mentors needed to guide the team
- 10 guided sessions
- LEGO® Education STEAM Park (reusable) and annual Discover Set

**“We want to change the culture by celebrating the mind.”**

— DEAN KAMEN,  
FOUNDER, *FIRST*



Discover Equipment

## DISCOVER CLASS PACK

Harness young minds' natural curiosity and build habits of learning, confidence, and teamwork skills with *FIRST*® LEGO® League Discover Class Pack.

*FIRST*® Class Pack provides facilitators with the tools and resources to lead early learners through 10 sessions as they explore STEM through play using the LEGO® Education STEAM Park.

### CLASS PACK INCLUDES:

- › Team Meeting Guide
- › Engineering Notebooks
- › Annual Discover Sets
- › Discover More Family Engagement Sets

*LEGO Education STEAM Park can be purchased separately through FIRST.*

## FOR INFORMATION ABOUT *FIRST* IN YOUR AREA

[www.firstlegoleague.org/find-first](http://www.firstlegoleague.org/find-first)



*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).

