



# FIRST LAUNCH

2019 + ALL SYSTEMS GO

For 30 years, *FIRST*® has inspired millions of young people to reach for the stars.

Blast off with *FIRST* LAUNCH 2019 and find out what's possible when we dream big and work together to inspire the next generation of innovators, technology leaders, and changemakers here on Earth – and beyond.



**FIRST  
LEGO  
LEAGUE JR.**

AGES  
6-10

Enabling  
Discovery

*FIRST* LEGO League Jr. challenges teams of children to explore a scientific concept, then build a model and code it to make it move using LEGO Education WeDo 2.0.

**ROVER  
RUCKUS**



Presented By **Qualcomm**

**FIRST  
TECH  
CHALLENGE**

AGES  
12-18

Creating  
Explorers

In *FIRST* Tech Challenge, teams of up to 15 students explore the possibilities of STEM through designing, building, programming, and operating robots to play a competition challenge in an alliance format.



**INTO  
ORBIT**

**FIRST  
LEGO  
LEAGUE**

AGES  
9-14

Fueling  
Curiosity

*FIRST* LEGO League gives students the chance to develop, design, build, and code LEGO MINDSTORMS robots to perform autonomous "missions" on a playing field.

DESTINATION:  
**DEEP  
SPACE**

Presented By **BOEING**

**FIRST  
ROBOTICS  
COMPETITION**

AGES  
14-18

Defining Their  
Odyssey

With limited time and resources, teams of students, with the support of adult mentors, build and program robots to perform challenging tasks in competition with other teams.