

# LEGO ROBOTICS: AMAZING MACHINES



Ages 9-14

Get ready to build, program, and battle at LEGO® Battle Bots! This exhilarating course is perfect for young engineers and LEGO® enthusiasts eager to dive into the world of robotics and competition. In this specialized camp, students will work in teams to design and build motorized battle robots that operate mechanical lifts, drills, ramps, and more. Through a series of practice battles and time reconfiguring their robots, students will design robots capable of overcoming others. The robots will eventually battle “to the death,” and the designers of the “last robot standing” for each round will be the winners.

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Robot building

Snack & Free Play

Lab 2: Robot Coding

Lunch & Free Play

Lab 3: Games

Snack & Free Play

Lab 4: Challenges

Reflect & Close

Outdoor Free Play

#### Real-World Problem Solving :

Campers apply engineering and critical thinking to solve exciting, real-world challenges.

#### Hands-On Engineering :

Campers dive into mechanical engineering by building and testing innovative machines..

#### STEM-Focused Fun:

Each project blends science, technology, engineering, and math, inspiring curiosity and exploration.

#### Collaborative Problem Solving:

Campers tackle engineering obstacles together, strengthening teamwork and communication. Drone Navigation

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity. Camps are weekly Monday- Friday, Start/end times & before/after care vary by location. Campers bring their own lunch, snacks and water bottle.

**WARNING: LEGO® Enthusiasts hard at work, so the above schedule is subject to change without notice.**