

# FUSION ROBOTICS: MASTER THE BOTS



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**Ages 9 - 14**

Ready to dive into the world of robotics? In Robotics Fusion, campers will explore a thrilling variety of robots, from Kubo and Sphero to Boost and LEGO® Spike, while mastering the skills needed to bring them to life through coding. This dynamic camp is the ultimate playground for young tech enthusiasts, where creativity meets hands-on learning.

By the end of the week, they'll not only be robotics experts, but they'll also have built important skills in logic, problem-solving, and teamwork. If your camper is ready to code, create, and control their own fleet of robots, Robotics Fusion is the perfect camp for them!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Code & Conquer

Snack & Free Play

Lab 2: Bot Builder

Team Building

Lunch & Free Play

Lab 3: Mission Control

Lab 4: Robo Challenge

Reflect & Close

Outdoor Free Play

### Sphero Obstacle Course

Program Sphero robots to nazzvigate thrilling obstacle courses, combining speed, precision, and strategy for the fastest finish.

### LEGO Spike Robot Engineering

Design and program LEGO Spike robots to solve real-world tasks, like moving objects or crossing tricky terrains.

### Kubo Maze Builder

Collaborate to create complex mazes and program Kubo robots to navigate through twists and turns using creative coding tiles.

### Robotics Fusion Finale

Combine multiple robots, like Kubo, Sphero, and LEGO Spike, for a multi-bot showdown solving the ultimate challenge of the week.

## 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.