

Fox Valley Robotics

ROBOTICS FOR KIDS

SUMMER CAMP!

1st -3rd Grade

LEGO eXplore Camp

June 21-22-23 • 9:00-11:30 | July 12-13-14 • 1:30-4:00

Does your child like building with LEGO parts?

The LEGO eXplore Camp is structured to promote thoughtful building: there are no building instructions. Campers are challenged by daily themes and mini-challenges. With **hundreds of pounds** of LEGOs and a team of master builders ready to encourage building to the next level, the possibilities are limitless. We will build tall towers, LEGO animals, carnival rides, airplanes and more! Join us for three adventure filled days that promise to challenge and delight your young builders.

LEGO Robot Camp

June 21-22-23 • 1:30-4:00 | July 12-13-14 • 9:00-11:30

Does your child like programming and building robots?

In teams of three, campers use instructions to build a robot from a choice of four. Mini-challenges teach basic programming skills with motion and sensors. Campers use their new skills to program missions on our **2017 Expedition** field table.

SUMMER WORKSHOP

4th -8th Grade

July 15 12:30-5:30

July 16 12:30-5:30

Build and program an EV3 robot to complete mini-challenges that teach the basics of programming and strategy in this one-day workshop. Mini-challenges include turning, light and/or color sensor exercises, and sensor games. Use the EV3 robot to compete on a competition field designed to expand on the skills learned.

Metal Workshop

8th -12th Grade

July 29-30 12:30-5:30

On Saturday, build and program a robot to complete mini-challenges that teach the basics of programming and strategy. Mini-challenges include turning, sensor exercises, and selected games. On Sunday, expand your robot design to compete on a custom field at the same time with other robots.

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