

Discovery Group Lego Robotics Summer Camps, 2024

Who: two age groups – **Builders** – children entering grades 1-3 and **Engineers** – children entering grades 4-7.

Where: camps meet in rooms at Westminster Congregational UCC Church at corner of 4th Avenue and Washington Street, near downtown Spokane

When: Monday – Friday from 9:00 am – 2:30 pm

Cost: \$180.00 week

Registration and Payment: download form – www.discoveryrobots.org

*Registration= email registration form to: molly.z@comcast.net. Molly Zammit – FLL Spokane / Payment can be made through PayPal by sending it to molly.z@comcast.net (indicate it is friend/family) **OR** Mail the form and a check to: Discovery Group Robotics Summer Camp, 4615 E Frederick., Spokane, WA 99217*

June 24-28, 2024, Robot Zoo Lego Camp

Builders – children entering grades 1– 3:

Your task this week is to build and program a Lego robot animal who moves around to find food, uses sensors to avoid enemies, and care for young. You will also build a habitat for your animal to “live” in. You will use motors, gears, and Lego bricks and **WeDo**

Engineers – children entering grades 4 - 7:

Your task this week is to build and program a Lego robot animal who moves around to find food, uses sensors to avoid enemies, and care for young. You will also build a habitat for your animal to “live” in. Engineers will use **Lego Mindstorms SpikePrime/EV3** programmable bricks.

July 8-12, 2024, Lego Challenge Camp

Builders – children entering grades 1– 3:

Campers will be challenged to design a motorized or simple machine model that can meet a daily challenge involving levers, gears, pulleys, wheels & axels, and programming WeDo models.

Engineers – children entering grades 4 - 7:

Campers will build a robot with Spike Prime/EV3 programmable bricks and program it to meet increasingly difficult challenges, following mazes, using sensors, following lines, and writing computer code/programs to solve tasks on the First Lego League “Superpowered” robot game board.

The camps will meet in several rooms on the second floor of Westminster Congregational UCC Church building. (4th & Washington) Park on 4th Street and walk up the hill to enter on Washington Street door. Campers need to bring along a sack lunch. The whole group will walk to the Cowley Park (6th + McClellan) for lunch and a play break outside during the lunch hour. Camps are organized and led by experienced Spokane Region FLL Teacher/Coaches. We recommend that all campers have completed their vaccination shots for COVID-19/SARS.