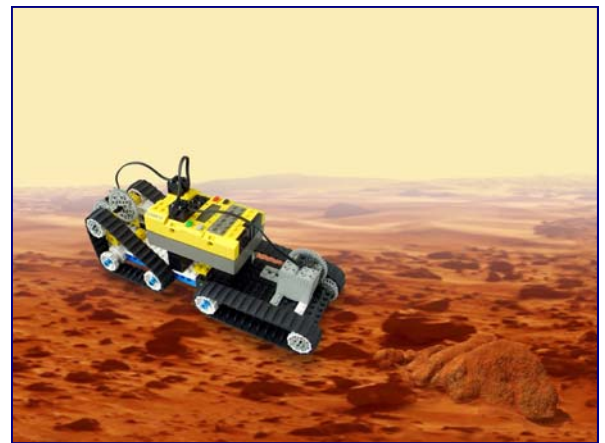


4-H ROBOTICS

4-H Robotics is one of the new and exciting 4-H experiences for youth that provides hands on experiences in designing, building and programming robots to complete challenges. These experiences utilize Lego Mindstorms (RCX Version) and Robolab software.

ROBOTICS RESOURCES

- Lego MindStorm Team Challenge Kits: Each kit contains over 800 Lego pieces including the RCX programmable brick, Robolab software and building guide. Available for check out from the Utah 4-H Office.
- 4-H CCS Materials Robotics Level 1 & 2 and Helper Guide can be purchased from 4-H CCS or 4-H Mall.



CAMP ON A DISK

- **PROBE:** Takes youth on a fun and fact-filled expedition into deep space. Campers build five robots to explore and perform tasks on Planet H-99, including preparing and building a base camp, monitoring a volcano, rescuing a lost vehicle, and more!
- **AQUABOTS:** Takes youth beneath the Bermuda Triangle on the undersea adventure of their lives! Build robots to explore the ocean floor, save a giant squid, connect an air pipeline, and more. The CD-ROM contains all of the information and curriculum to operate an independent robotics camp, including a camp itinerary, forms, posters, robot building instructions, animated slide shows, extensive challenges, robot building and programming assistance. * *Note Mission patches are available for \$2 a patch for youth completing Aquabots.*
- **WILDERNESS DATALOGGERS:** Environmentally friendly robots are commissioned to perform tasks in the Green Geyser Wilderness Park after a storm hits, endangering the ecosystem and human visitors. This is a more advanced camp experience not recommended for 1st time robotics experiences.

MOBILE COMPUTER LAB

The Utah 4-H Office has 22 laptops available for check out in sets of 5 or 6. Each computer has Robolab and the Camp on a Disk resources already loaded on it.