Do you like to take things apart to see how they run?
Are you into engineering and learning new technology?
Do you like to build and create new things?

Then 4-H Robotics Camp is for YOU!

Robotics Level 1

Robotics Level 1 is designed for youth entering 4th to 8th grades with little or no experience with Robotics. During this three day camp, young Engineers will build junk drawer robots, learn how to build and program your robot. Learn to use laptops, Legos, and Robotics software to create your own Lego bots! This extreme session incorporates hands-on and self-guided learning in conjunction with 4-H SET GEAR-Tech-21 Curriculum and robotics program. The camp experience includes LEGO Mindstorms NXT robotics with activities and daily events that challenge your robot’s performance. You will also get to experience all kinds of fun camp activities. See how robotics and technology can be used to create and nurture the future!

Robotics Level 2

Robotics Level 2 is designed for youth entering 6th to 8th grade with at least one year of Robotics experience. This group of youth will take Robotics to the next level during this two day camp. Campers will begin with advanced robotics building challenges. Computer programming alternatives will be explored. Each young creator will design, engineer and program their own robot with a Sumo Wrestling competition as the culmination of their learning!

The fees for service will be used to off-set direct expenses and to support the 4-H Youth Development County Extension Program.

Iowa State University Extension and Outreach programs are available to all without regard to race, color, national origin, religion, sex, age, or disability. Feb. 2015
### Camp Dates

- **Buena Vista Co.**
  - June 13-15
  - June 16-17
  - June 29-July 1
  
- **Calhoun Co.**
  - June 20-22
  - July 6-8

- **Cherokee Co.**
  - June 23-25
  - June 27-28

- **Ida County**
  - June 20-22

- **Pocahontas Co.**
  - Robotics 1

- **Sac County**
  - Robotics 2
  
### Camper Information:

- **Name:** ____________________________________________
- **Address:** ___________________________ City:_________ Zip:________
- **Email:** ____________________________________________
- **Parent/guardian Name(s):** ________________________________
- **Grade Level for 2016-17 School Year:** entering __________grade
- **4-H Member:** ☐ Yes ☐ No  If Yes, Club Name:_____________________
- **Experience with Robotics:** ☐ 1 Year or Less ☐ More than 1 Year
- **Camp:** ___________ **Camp Date:** ___________ **Location:** ___________
- **Parent/guardian Signature** ___________________________ Date:_______

### Payment Information:

- **Camps are $20 per day**
- ☐ **Robotics 1: 3 Days — $60**  ☐ **Robotics 2: 2 Days— $40**  ☐ **Scholarship Request**
- ♦ Checks Payable to ISU Extension & Outreach
- ♦ Registration and Payment Due 1 week prior to camp start date (June 15 for BV County)
- ♦ Call Buena Vista County Extension at 712-732-5056 with Any Questions
- ♦ Mail signed application and payment to: Buena Vista County Extension, 824 Flindt Drive Storm Lake, IA 50588

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