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, age, religion, national origin, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Compliance, 3280 Beardshear Hall, (515) 294-7612.
Name:___________________________________
Address:____________________________________________________________________
Email:_______________________________________________________________________
Day Phone:______________________________  Cell Phone:__________________________
Emergency Phone Day(s) of Camp:________________________________________________
Grade level student is entering in fall of 2016____________
4-H Member: yes_____   no_____
Parent/Guardian Name:_________________________________________________________
_____I am available to help and am a screened 4-H Volunteer
_____I would like to help and become a screened 4-H Volunteer

Parent/Guardian Signature______________________________________ Date____________

Does your child need special accommodations?  Or any food/other allergies?  Yes_____  No_____ 
If yes, briefly explain:____________________________________________________________________

Experience with Robotics: ____1 Year or Less  ____More than 1 Year

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<tr>
<th>Camp Dates</th>
<th>Buena Vista Co</th>
<th>Calhoun Co</th>
<th>Cherokee Co</th>
<th>Ida County</th>
<th>Pocahontas Co</th>
<th>Sac County</th>
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<td>June 13-15</td>
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Due to the generous support of the Pocahontas County 4-H Endowment payment is just $30 for children in Pocahontas Co. 4-H and for 3rd graders that will be joining 4-H next fall for Robotics 1 and Robotics 2 is just $20. Please make checks payable to:

**Pocahontas County ISU Extension and Outreach, 305 N Main, Pocahontas, IA 50574**

Deadline to register for the Pocahontas County Summer STEM Camps is May 31 and refunds will not be given after May 31. Our summer camps fill up quickly so get your paid registrations in as soon as possible.

**Questions:** Please phone the Extension office at 712-335-3103.