**STEM Club**
Science*Technology*Engineering*Math

**JOIN US!**

Do you love science class? Do you want to learn more about careers in science? Do you need a fun place to be after school? Do you want to hang out with friends AND learn?

**DO YOU WANT TO BE IN A CLUB?**

**What:** We are excited to offer 6 sessions of afterschool STEM Clubs this year! Read each description to find what best fits your child for January-February. March/April sessions will register in February!

**Who:** 3rd-5th grade students

**When:** 3:30 p.m.—5 p.m.

**Where:** Lincoln Elementary Library

**Why:** Have fun exploring and experimenting. Snacks will be provided.

**How:** Turn in registration form with fee to Lincoln Office by Dec 21. They FILL UP FAST!

---

**SESSION 3: Here Comes the Sun**
Keeping homes at a comfortable temperature takes a lot of energy. Think like a green engineer to design and insulate a model home. Experiment with material choice, monitor heat transfer and more!

$10 fee or $5 if a 4-H member

Jan 7, 14, 28

**SESSION 4: Shake Things Up**
Learn the power of earthquakes and how to build earthquake resistant structures by using shake tables to test your own building structures. Learn what building codes do and develop your own for earthquake resistant buildings.

$10 fee or $5 if a 4-H member

Feb 14, 21, 28

---

**Session 1 & 2: Robots on Parade**
Participants will use computers and Lego EV3 robots to learn basic block programming. Students will be given robot programming challenges that will start at their beginning level and progress as quickly as their ability allows. The possibilities are as vast as their creativity and ability. This class is for the child who loves logical thinking challenges and hands-on learning!

$10 fee or $5 if a 4-H member

Jan 8, 15, 22 OR Feb 5, 12, 26

**participants may register for only one robot session**

---

**Watch for Spring Sessions:**

- **March 7, 14, 28** = Food for Thought: Engineering Ice Cream
- **April 1, 8, 15** = Outbreak Alert: Engineering a Pandemic Response
- **NEW March 12, 26 April 2, 9, 16, 23** = Kids in the Kitchen

---

**STEM Club: Registration Form is attached**
Completed form and fee due Dec 21 (first come, first serve) to Lincoln School Office or Wash. Co. Extension

Make checks payable to Washington County Extension, 2223 250th St, Washington, IA 52353

Fee $ and registration form DUE December 21 !!!

Washington County Extension & Outreach
2223 250th St., Washington, IA 52353
319-653-4811
www.extension.iastate.edu/washington
HOW TO GET INVOLVED

For more information on how to get involved in additional youth programs as either a participant or volunteer, please contact:

Amy Green, 4-H/Youth Coordinator
Washington County Extension
2223 250th St.
Washington, Iowa 52353
319-653-4811
amygreen@iastate.edu
www.extension.iastate.edu/washington/

Iowa State University Extension and Outreach does not discriminate on the basis of age, disability, ethnicity, gender identity, genetic information, marital status, national origin, pregnancy, race, religion, sex, sexual orientation, socioeconomic status, or status as a U.S. veteran. Direct inquiries to Ross Wilburn, 515-294-1482, wilburn@iastate.ed.

Thank you, Bazooka Farmstar and Premier 1, for sponsoring this STEM Club. We appreciate the value you place on the youth of this community having quality science and engineering experiences!