



4-H STEM FALL WORKSHOPS

2018

Come join in the fun during the summer 4-H STEM (Science, Technology, Engineering, Math) **Workshops are FREE** but space is limited so **pre-register at least one week in advance**. Call the Weber County 4-H office at **801-399-8202** for more information about these and other upcoming events.

Discover 4-H: Power of Flight (3-part series) (Grades 3-6)

Learn about the world of flights in a hands-on 3-part workshop. Day 1: Cool paper airplanes Day 2: Balsa wood model planes Day 3: Airfoils. Come to one or come to all for an exciting flight adventure.

- ◆ August 13 – August 15 from 3:00 p.m.— 4:00 p.m. Ogden Valley Library

Discover 4-H: Popsicle Flashlights (Grades 4-6)

Learn basic electrical circuits by creating your own flashlight.

- ◆ Friday, September 21 from 4:00 p.m.— 5:00 p.m. Main Library

Discover 4-H: Extreme Weather (Grades 1-4)

Learn about the science behind extreme weather and see if your structures can withstand an earthquake.

- ◆ Friday, September 7 from 4:00 p.m.— 5:00 p.m. Main Library

Discover 4-H: Magnets (Grades K-6)

Learn about magnetism through various activities. In what ways are magnets used in everyday life? How does experimenting and observing magnets help people design and build? Come explore the power of magnets with us.

- ◆ Thursday, September 27 from 6:00 p.m. – 7:30 p.m. Pleasant Valley Library

Discover 4-H: CSI (Grades K-2 or 3-6 or 7-8)

Go behind the scenes and learn how crime scene investigators catch the culprit!

- ◆ Monday, September 10 from 4:00 p.m.— 5:00 p.m. Southwest Library (K-2)
- ◆ Tuesday, October 9 from 4:30 p.m.— 5:30 p.m. Main Library (3-6)
- ◆ Tuesday, October 16 from 4:30 p.m.— 5:30 p.m. Main Library (7-8)

Discover 4-H: Code Club I (Grades 3-6)

Learn the basics of coding as you create your own electronic game, story, or artwork. This is a series class so please plan on attending all four days.

- ◆ October 1— October 4 from 4:00 p.m.— 5:30 p.m. Main Library

Discover 4-H: Donut Science (Family Activity)

Do you go nuts for donuts? If so, join us as we explore the science behind these tasty treats.

- ◆ Saturday, September 15 from 1:00 p.m.— 2:30 p.m. Pleasant Valley Library (K-2)

REGISTRATION INFORMATION Please call or stop by the corresponding library location to register:

Southwest Library 801-337-2671
2039 W. 4000 S. Roy, UT 84067

Pleasant Valley Library 801-337-2690
5568 S. Adams Avenue Washington Terrace, UT 84405

Main Library 801-337-2646
2464 Jefferson Ave. Ogden, Utah 84401





MORE FALL WORKSHOPS

2018

Discover 4-H: Kitchen Science (Grades 3-5)

Cook up some excitement while you experiment with ingredients and transform them into something fun and unexpected.

- ◆ Monday, October 8 from 4:00 p.m. – 5:00 p.m. Southwest Library

Discover 4-H: Dinosaurs (Grades K-12)

Come have a dino-mite time with a hands-on workshop where you will learn about these amazing creatures that lived millions of years ago.

- ◆ Wednesday, November 7 from 2:00 p.m. – 3:00 p.m. Pleasant Valley Library

Discover 4-H: Catapults (Grades K-6)

Launch into learning the science and math concepts behind catapults. Design, build, and test catapults as you aim for fun.

- ◆ Wednesday, October 17 from 2:00 p.m. – 3:00 p.m. Pleasant Valley Library

Discover 4-H: Engineers & Extremes (Grades 3-8)

Build your knowledge by becoming an engineer. Create a structure and see if it can withstand earthquakes.

- ◆ Monday, November 12 from 4:00 p.m. – 5:00 p.m. Southwest Library

Discover 4-H: Ozobots (Grades 1-3 or 4-6)

Learn how to create an adventure for mini robots using coding through coloring designs and pathways.

- ◆ Tuesday, October 23 from 4:30 p.m. - 5:30 p.m. Main Library (1-3)
- ◆ Tuesday, October 30 from 4:30 p.m. – 5:30 p.m. Main Library (4-6)

Discover 4-H: Squishy Circuits (Grades 4-6)

Learn how to build electronic circuits and light up your own Play-Doh creations!

- ◆ Tuesday, November 20 from 4:30 p.m. – 5:30 p.m. Main Library

Discover 4-H: Cubelets (Grades 1-3)

Come build imagination and inspiration as you learn how to engineer and program robots that snap together.

- ◆ Tuesday, November 6 from 4:30 p.m. – 5:30 p.m. Main Library

Have younger children?

Discover 4-H Cloverbud Activities - For youth in K-2 grade

Activities are held 3rd Tuesday of the month from 5:30 p.m.- 6:30 p.m.

For more information, please contact the Weber County 4-H office at

801-399-8202 or visit <https://webercounty4-h.org/>

