



STEM SUMMER WORKSHOPS

2018

Come join in the fun during the summer time 4-H STEM (Science, Technology, Engineering, Math) workshops! These workshops are open to youth in 3rd - 12th grade (as of Jan. 1, 2018).

SEW COOL

June 6, 1 p.m. – 4 p.m.

Make a cool drawstring bag that you can take to the beach, on vacations, or even to school



\$3 – 4-H members
\$13 – Non-members

SAY CHEESE! PHOTOGRAPHY 101

June 20, 9 a.m. – noon

Learn the basics of digital photography and create a photo masterpiece to enter in the county fair. Participants will need to provide their own digital camera.



\$2 – 4-H Members
\$12 – Non-members

COOKIE MASTER WORKSHOP

July 2, 1 p.m. – 4 p.m.

Come sharpen your cookie-making skills and aim for a blue ribbon at the county fair. Come take your turn being the cookie judge as we make, bake, and taste cookies. Yum!



\$10 – 4-H members
\$20 – Non-members

SCIENCE OF SWEETS

July 18, 1 p.m. – 4 p.m.

Blow it up, melt it into bubbles, find secret ingredients, and even bend light using everyday sweets and treats! Come explore and eat your way to the secrets behind the science of sweets.



\$10 – 4-H Members
\$20 – Non-members

JUNIOR MASTER GARDENER

May 31, June 7, 14, 21, 28
10 a.m. - 11:30 a.m.

Registration deadline is May 25th

Join the Junior Master Gardeners club and come learn fun, hands-on gardening skills.



\$10 – 4-H members
\$20 – Non-members

For the workshops listed above, registration is required one week in advance of each event.

To register online, or for more information about 4-H, visit our website at

www.webercounty4-H.org and click on 4-H Event Registration,

or call the 4-H office at 801-399-8202.



DISCOVER 4-H CLOVERBUD ACTIVITIES

- Held the second Monday of every month from 5:30-6:30 p.m. at USU Extension 4-H Office
- For youth in Kindergarten-2nd Grade
- Only \$10 to enroll and participate in all activities for the year!



WEBERCOUNTY4-H.ORG

Utah State University is an affirmative action/equal opportunity institution.

EXTENSION

UtahStateUniversity



4-H STEM SUMMER 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 4-H office at **801-399-8202** for more information about these and other upcoming events.

Discover 4-H: Fibonacci Code (Grades 3-8)

Discover the mysteries of the Fibonacci Code and how nature uses this amazing code.

- ◆ Monday, June 11 from 2:00 p.m. – 3:00 p.m. Ogden Valley Library

Discover 4-H: Aerospace Balsa Planes (Family Workshop-Best suited for 5 years old and up)

Learn how a plane works in a fun workshop where you build your own balsa wood plane and conduct flight experiments.

- ◆ Wednesday, June 27 from 6:00 p.m. – 7:00 p.m. Pleasant Valley Library

Discover 4-H: Ozobots (Grades K-2 or 3-6)

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

- ◆ Thursday, June 7 from 2:00 p.m.—3:00 p.m. Ogden Valley Library (K-2)
- ◆ Thursday, June 14 from 2:00 p.m. – 3:00 p.m. Ogden Valley Library (3-6)

Discover 4-H: Rockets (Family Workshop-Best suited for 5 years old and up)

Experience Boyle's Law and Newton's Laws of Motion by using compressed air to launch paper rockets. You can build and decorate your own rocket and then launch it to see how high it can travel.

- ◆ Thursday, July 19 from 6:00 p.m. – 7:00 p.m. Pleasant Valley Library

Discover 4-H: Code Club I (Grades K-2 or 3-6)

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

- ◆ June 18 – June 21 from 2:00 p.m. – 3:30 p.m. Ogden Valley Library (3-6)
- ◆ June 18 – June 21 from 6:00 p.m. – 7:30 p.m. Pleasant Valley Library- (Family Workshop- split into two groups K-2 and 3-5)
- ◆ June 25 - June 28 from 2:00 p.m. - 3:30 p.m. Main Library (3-6)

Discover 4-H: Cubelets (Grades K-2 or 3-6)

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

- ◆ Thursday, July 19 from 2:00 p.m. – 3:00 p.m. Ogden Valley Library (K-2)
- ◆ Thursday, July 26 from 2:00 p.m. – 3:00 p.m. Ogden Valley Library (3-6)

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

Take your programming skills to the next level as you complete new programming challenges to advance your computer coding skills. This is a series class; please plan on attending all four days.

- ◆ July 9 – July 12 from 2:00 p.m. – 3:30 p.m. Ogden Valley Library

Discover 4-H: Popsicle Flashlights (Grades 2-12)

Learn basic electrical circuits by creating your own flashlight.

- ◆ Monday, July 30 from 3:00 p.m. – 4:00 p.m. Ogden Valley Library

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

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

Ogden Valley Branch 801-337-2660
131 S. 7400 E. Huntsville, UT 84317

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

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

