

2018 NYS 4-H STEM CAMP

Friday, June 15 through
Sunday, June 17
4-H Camp Shankitunk, Delhi

Registration & Payment
due by JUNE 4

Early Registration/Payment
by MAY 1 = FREE T-SHIRT



ARCHERY DYNAMICS — Calling all aspiring archers! Do you want to use a bow and shoot arrows? Then this is the course for you! Learn how angles and trajectory play a major part in your shooting accuracy.

BACKYARD ENGINEERING — Do you like to design and build? You will put your ingenuity to the test as you work together in small groups to optimize your designs and solve a series of engineering problems. We will take things further by testing how much weight your design can bear, how tall it can be built, and more.

CODING UNPLUGGED — Do you like to code or want to learn how? Have fun exploring computer programming during this course. We will go on virtual reality field trips, learn coding basics, and do some cool maker activities. All levels of coding experience welcome!

DRONES — Have you ever wanted to fly a drone? You will do just that in this exciting course. You will also explore the engineering design and flight principles of drones and work to solve real world problems with a drone.

OUTDOOR SURVIVAL — Do you have what it takes to survive in the wilderness? In this course we will practice skills that are necessary for staying alive. We will spend the weekend outside learning fire and shelter building, cordage making and other outdoor skills that will leave you better prepared for the unexpected. Dress for the weather—rain gear is a must-have!

ROCKETRY I (beginners) & **ROCKETRY II** (past participants/built at least one rocket before) — Want to build and launch a rocket that will fly over 400' up in the air as well as two water and air powered rockets? Then this is the course for you! The remarkable principles of how rockets work and the science of aerospace will be shown through fun activities.

New York State 4-H STEM CAMP June 15-17, 2018



ALL NYS Youth
Ages 10 & Older
Sign Up Now!!!

Space Is Limited!!!

ALL YOUTH ARE WELCOME!
4-H membership not required

4-H Camp Shankitunk—2420 Arbor Hill Road- Delhi, NY 13753



REGISTRATION FORM

ONLINE REGISTRATION AVAILABLE
[https://apps.cce.cornell.edu/
event_registration/main/events.cfm](https://apps.cce.cornell.edu/event_registration/main/events.cfm)

Camper Info

Name _____

Address _____

Phone # _____

Email _____

___ Male or ___ Female Age _____

Member of 4-H in _____ County.

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Please choose your class track choices 1-4  
(1 being top choice and 5 being last choice)

\_\_\_ Archery Dynamics      \_\_\_ Drones

\_\_\_ Backyard Engineering      \_\_\_ Rocketry I

\_\_\_ Coding Unplugged      \_\_\_ Rocketry II

\_\_\_ Outdoor Survival

## Parent/Guardian Info

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone # \_\_\_\_\_

Email \_\_\_\_\_

Parent will chaperone? \_\_\_ Yes or \_\_\_ No

~~~~~  
of Attendees _____ x \$75 = \$ _____

Total Cost = \$ _____

(CCE Educators = No Fee)

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Classes filled in order of registration/payments received

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****SIGN UP TODAY****

Registrations received by

MAY 1st = FREE T-Shirt

WHAT IS 4-H? - 4-H is a community of more than 6.4 million young people across America who are learning leadership, citizenship and life skills.

4-Hers participate in fun, hands-on learning activities supported by the latest research of land-grant universities (Cornell University in New York).

WHAT IS THE 4-H STEM PROGRAM? - 4-H aims to grow the next generation of inventors entrepreneurs and problem-solvers by giving youth plenty of opportunities to try their hands at real world science. 4-H Science, Technology, Engineering and Math (STEM) projects give families science enrichment opportunities and connects kids to Cornell's science outreach programs.

HOW DOES NYS 4-H STEM CAMP WORK? - Science camp has six tracks to choose from. Each camper chooses one track to learn about for the weekend. You may choose from Archery Dynamics, Backyard Engineering, Coding Unplugged, Drones, Outdoor Survival, or Rocketry. Class sizes are limited and will be filled on a first-come, first-serve basis.

FAQ's

Q: Who can attend camp?

A: **Any youth 10 years old and older.**

Q: Can my parents stay at the camp?

A: **Yes, parents may stay as chaperones/volunteers.**

Q: What does it cost to attend?

A: **\$75 per attendee (camper/chaperone/volunteer)**

Q: Where will I sleep?

A: **In the same bunks/cabins used during summer camp.**

Q: What will I eat?

A: **Delicious and nutritious meals prepared by educators/volunteers.**

Q: What will I need to bring:

A: **Sleeping bag, pillow, personal care items, flashlight, extra shoes, swimsuit, towels, etc.**

SCHEDULE

Friday, June 15, 2018

6-8 pm Registration/Snacks/Settle into Cabins

8-9 pm Introductions/Schedule of Events/
Ice Breakers/Expectations

9-11 am Camp Fire/Snack/Songs/Games

11 pm Lights Out

Saturday, June 16

8-9 am Breakfast/Introductory Evaluations

9-10:15 am Class #1

10:15-11 am Snack/Free Time

11 am-12:15 pm Class #2

12:15-12:45 pm Lunch

1:15-2:30 pm Class #3

2:30-3:15 pm Snack/Free Time/Open Swim

3:15-4:30 pm Class #4

5 pm Dinner

7 pm Open Swim/Free Time

9-11 pm Camp Fire/Snack/Songs/Games

11 pm Lights Out

Sunday, June 17

7-8:45 am Breakfast

9-10:15 am Class #5

10:15-11:30 am Demonstrations by Groups

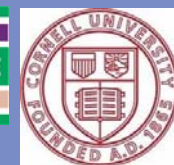
11:30 am-Noon Pack-up/Final Evaluations

Noon Farewells

Send registration/payment to:

CORNELL COOPERATIVE EXTENSION of DELAWARE COUNTY

34570 State Hwy 10, Suite 2, Hamden, NY 13782



Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.