

# 2019 NYS 4-H STEM CAMP

Friday, June 14 through  
Sunday, June 16  
4-H Camp Shankitunk, Delhi

Registration, Payment &  
Forms due by May 31

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 experience the engineering process and put your ingenuity to the test by working together in small groups to plan and optimize designs that solve a problem. We will take things further by testing your teams design and even exploring possible career opportunities in diverse engineering fields.

**CODE EXPLORERS** — 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. Learn how you can take these activities home to teach others. All levels of coding experience welcome!

**MICRO-ORGANISMS** — The good the bad, & the ugly...In this course you will learn about all the different types of microorganisms, perform numerous fun and exciting experiments, and grow your own culture!

**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** (must have taken Rocketry I)

— 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 14-16, 2019



**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://pub.cce.cornell.edu/event\\_registration/main/events.cfm?dept=212](https://pub.cce.cornell.edu/event_registration/main/events.cfm?dept=212)

## CAMPER INFO

Name \_\_\_\_\_  
 Address \_\_\_\_\_

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

\_\_\_\_ Male or \_\_\_\_ Female Age \_\_\_\_\_  
 Member of 4-H in \_\_\_\_\_ County.

**T-Shirt Size?: Youth S / M / L**  
**(circle size) Adult S / M / L / XL / XXL**

Please choose your class track choices 1-7  
 (1 being top choice and 7 being last choice)

\_\_\_\_ Archery Dynamics      \_\_\_\_ Outdoor Survival  
 \_\_\_\_ Backyard Engineering      \_\_\_\_ Rocketry I  
 \_\_\_\_ Code Explorers      \_\_\_\_ Rocketry II  
 \_\_\_\_ Micro-Organisms

## PARENT/GUARDIAN INFO

Name \_\_\_\_\_  
 Address \_\_\_\_\_

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

Name of Adult(s) Chaperoning/T-Shirt Size:  
 \_\_\_\_\_  
 \_\_\_\_\_

**# of Attendees \_\_\_\_\_ x \$75 = \$ \_\_\_\_\_**  
**Total Cost = \$ \_\_\_\_\_**

(CCE Educators = No Fee)

Classes filled in order of registration/payments received

**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?** - Camp has seven tracks to choose from. Each camper chooses one track to learn about for the weekend. You may choose from Archery Dynamics, Backyard Engineering, Code Explorers, Micro-Organisms, Outdoor Survival, and Rocketry I or II. Class sizes are limited and will be filled based upon first-come, first-serve basis, based upon order of registration and payments received.

## 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/sibling)
- 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 14, 2019

6-8 pm Registration/Pre-Evaluation/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 15

8-9 am Breakfast/Pre-Evaluation Cont'd  
 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 16

7-8:45 am Breakfast/Post Evaluation  
 9-10:15 am Class #5  
 10:15-11:30 am Demonstrations by Groups  
 11:30 am-Noon Pack-up/Clean-up  
 Noon Farewells

Send registration/payment to:

CORNELL COOPERATIVE EX-



TENSION of DELAWARE COUNTY

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

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