

# 2017 NYS 4-H STEM CAMP

Friday, June 16 - Sunday, June 18, 2017

4-H Camp Shankitunk, Delhi

Registration and Payment Due By **June 2, 2017**

**\*\*Early Registration & Payment by May 1, 2017 = Free T-Shirt\*\***

Cornell Cooperative Extension of Delaware County  
34570 State Hwy 10, Suite #2 Hamden, NY 13782



## Courses Offered:



### ROCKETRY I & II

Do you want to build and launch a rocket that will fly over 400' into the air? How about a water and air powered rocket as well? Experience the remarkable principles of how rockets work and the science of aerospace with fun activities.

- Rocketry I = beginners.
- Rocketry II = past participants/those who have built at least one rocket before.



### BIRD QUEST



Did you know identifying and counting local birds helps scientists study birds in your area? Would you like to be a contributor to citizen science? In this class you will learn how to ID, count, submit data, and more! Bring your binoculars!!

### BACKYARD ENGINEERING

Do you like to design and build? You'll 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'll take things further by testing how much weight your design can bear, how tall it can be built, and more.



### ARCHERY DYNAMICS



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

### OUTDOOR ADVENTURE



Do you like the outdoors? Come learn the science and enjoy the adventure of the outdoors. This course will cover a variety of topics related to environmental science. It will get you outdoors and exploring! Come join us for this science adventure!

# 2017 NYS 4-H STEM CAMP

Begins at 6:00 p.m. on  
**FRIDAY, JUNE 16**  
through  
Noon on  
**SUNDAY, JUNE 18**

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



**ALL NYS 4-H Youth  
Ages 10 & Older**

**Sign Up Now!!!  
Space Is Limited!!!**



## 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 courses to choose from. Each camper chooses one course to learn about for the weekend. You may choose from Rocketry I or II, Bird Quest, Backyard Engineering, Archery Dynamics, or Outdoor Adventure. 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. \*\*Must pass background check\*\**

**Q: What does it cost to attend?**

*A: \$75 per participant, sibling, and adult who attends.*

**Q: Where will I sleep?**

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

**Q: What will I eat?**

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

**Q: What will I need to bring?**

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

# NYS 4-H STEM Camp SCHEDULE

## Friday, June 16

- 6:00-8:00 pm: Registration/Snacks/  
Settle into Cabins
- 8:00-9:00 pm: Introductions/Schedule  
of Events/Ice Breakers/  
Expectations
- 9:00-10:00 pm: Campfire/Snacks/Songs/  
Games
- 10:30 pm: Lights Out



## Saturday, June 17

- 8:00-9:00 am: Breakfast/  
Introductory Evaluations
- 9:00-10:15 am: Class #1
- 10:15-11:00 am: Snack/FreeTime
- 11:00 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
- 5:00 pm: Dinner
- 7:00 pm: Open Swim/Games/  
Activities
- 9:00-10:00 pm: Camp Fire/Snacks/  
Songs/Games
- 10:30 pm: Lights Out



## Sunday, June 18

- 7:00-8:45 am: Breakfast
- 9:00-10:15 am: Class #5
- 10:15-11:30 am: Demonstrations by Groups
- 11:30 am-12:00 pm: Pack-Up/  
Final Evaluations
- 12:00 pm: Farewells/Snack to Go

Name \_\_\_\_\_ Phone # \_\_\_\_\_  
 Address \_\_\_\_\_ Male: \_\_\_\_\_ Female: \_\_\_\_\_ Age: \_\_\_\_\_  
 E-mail Address \_\_\_\_\_  
 Please choose your class track choices 1-4 (1 being top choice & 5 being last choice):  
 \_\_\_\_\_ Rocketry I \_\_\_\_\_ Rocketry II \_\_\_\_\_ Bird Quest \_\_\_\_\_ Backyard Engineering  
 \_\_\_\_\_ Archery Dynamics \_\_\_\_\_ Outdoor Adventure  
 Parent/Guardian Info: \_\_\_\_\_ T-Shirt Size: \_\_\_\_\_  
 Name \_\_\_\_\_ Phone # \_\_\_\_\_  
 Address \_\_\_\_\_  
 E-mail Address \_\_\_\_\_  
 \_\_\_\_\_ Parent/Guardian will chaperone \_\_\_\_\_ Member of 4-H in \_\_\_\_\_ county.

Number of Attendees \_\_\_\_\_  
 Extension Educators = no fee \_\_\_\_\_  
 Total Cost = \_\_\_\_\_ x \$75 = \_\_\_\_\_  
 \*\*Classes Filled in Order of Registration & Payments Received\*\* Space Is Limited, Sign-Up Today!!\*\*