

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 _____
 E-mail Address _____ Male: _____ Female: _____ Age: _____
 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!*****