

2016 NYS 4-H STEM CAMP

Friday, June 17 - Sunday, June 19, 2016

4-H Camp Shankitunk, Delhi

Registration and Payment Due By **June 3, 2016**

****Early Registration & Payment by May 1, 2016 = Free T-Shirt****

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



Courses Offered:



ROCKETRY I & II

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 track is for you! Rocketry I = beginners. Rocketry II = past participants/built at least one rocket before. The remarkable principles of how rockets work and the science of aerospace will be shown through fun activities.



SUSTAINABLE ENERGY

Would you like to learn how to cook food with little to no energy use? Have you ever made a smoothie utilizing the sun? Find out about this and other energy efficient ways to prepare food in our sustainable energy course! Trust us, you want to take this course!!



ROBOTICS

Have you ever wanted to make your own robot that responds to your every whim and wish? If so, then this track is for you! Spend the weekend learning how to build and program a robot.

GEOCACHING

Do you like to hunt for treasure? Do you like to go on Scavenger Hunts? Then GPS Geocaching is for you! Learn the fundamentals of geocaching along with some other fun and amazing aspects of geospatial science.



OUTDOOR ADVENTURE



Do you like the outdoors? Come and learn the science and enjoy the adventure of the outdoors in this course. 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!

2016 NYS 4-H STEM CAMP

Begins at 6:00 p.m. on
FRIDAY, JUNE 17
through
Noon on
SUNDAY, JUNE 19

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 tracks to choose from. Each camper chooses one track to learn about for the weekend. You may choose from Rocketry, Sustainable Energy, Robotics, Geocaching, 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, parents may stay as chaperones/volunteers.

Q: What does it cost to attend?

A: \$75 per attendee.

Q: Where will I sleep?

A: In the same 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 17

- 6:00-8:00 pm: Registration/Snacks/
Settle into Cabins
- 8:00-9:00 pm: Introductions/Schedule
of Events/Ice Breakers/
Expectations
- 9:00-11:00 pm: Campfire/Smoers/Songs/
Games
- 11:00 pm: Lights Out



Saturday, June 18

- 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/Activity Centers
(movies, board games,
recreation, etc.)
- 9:00-11:00 pm: Camp Fire/Smoers/
Songs/Games
- 11:00 pm: Lights Out



Sunday, June 19

- 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 _____ Sustainable Energy _____ Robotics _____ Geocaching
 _____ 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! ****