



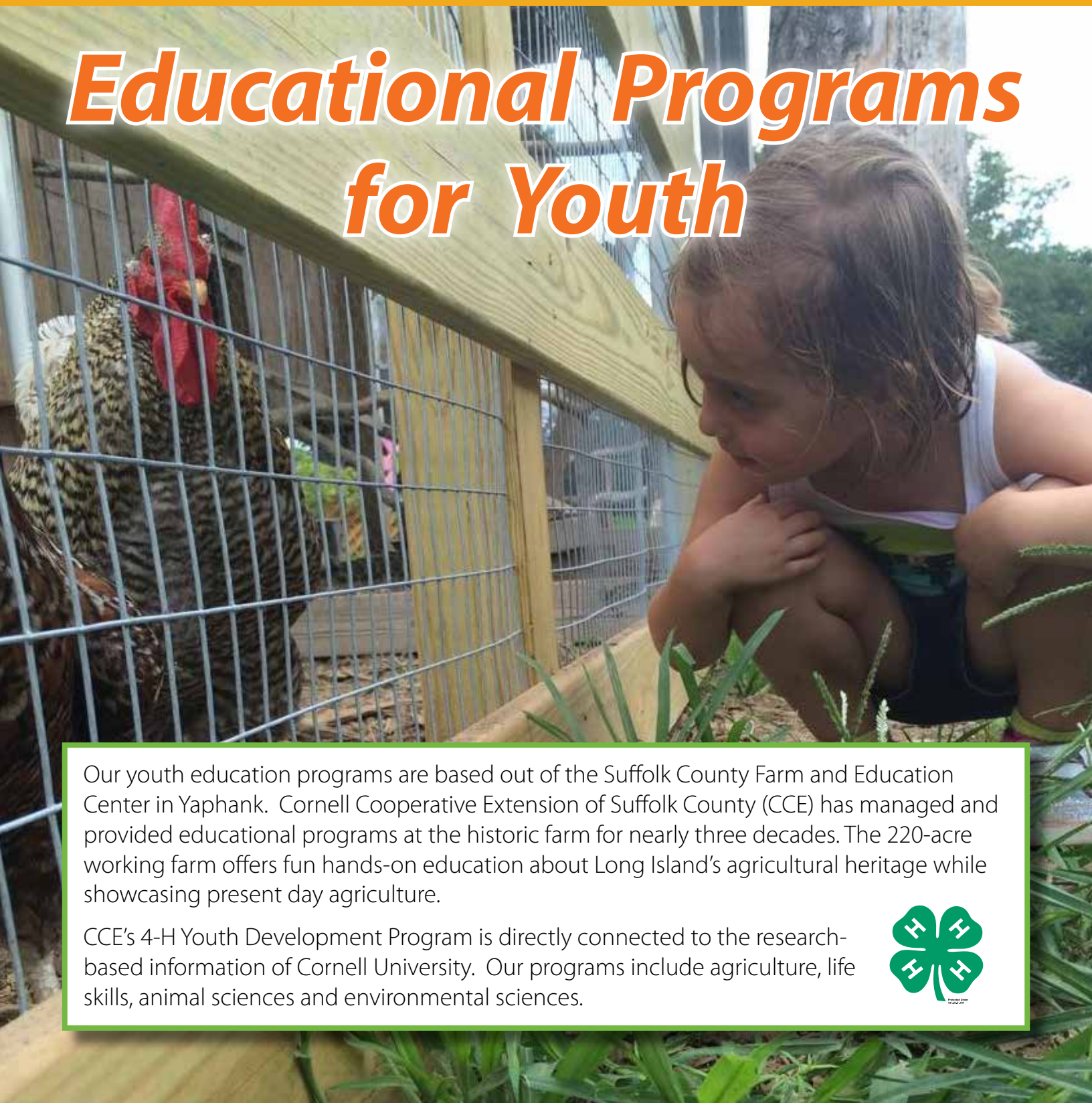
Suffolk County Farm



Cornell University
Cooperative Extension
of Suffolk County

2016-2017

Educational Programs for Youth



Our youth education programs are based out of the Suffolk County Farm and Education Center in Yaphank. Cornell Cooperative Extension of Suffolk County (CCE) has managed and provided educational programs at the historic farm for nearly three decades. The 220-acre working farm offers fun hands-on education about Long Island's agricultural heritage while showcasing present day agriculture.

CCE's 4-H Youth Development Program is directly connected to the research-based information of Cornell University. Our programs include agriculture, life skills, animal sciences and environmental sciences.



Pick Your Own Field Trip Experience!

The Suffolk County Farm and Education Center offers a wide array of hands-on and unique opportunities for your group to get the most out of their visit and to meet your specific educational goals. *Pick Your Own Field Trip* begins with a one-hour “Animal Experience” and “Tractor Drawn Wagon Ride”, and then choose one more 30-minute option for \$8 per student. Choose additional 30-minute sessions for an additional \$2 per student per session. Please call (631) 852-4607 or email groups@cornell.edu to schedule a field trip.

Animal Experience: For all ages

Learn about the variety of animals that reside here at the Suffolk County Farm and the special role they play. Students will learn many fun facts about them while getting a real hands-on experience touching and feeding.

Tractor-Drawn Wagon Ride: For all ages

This is a fun way to experience the breadth of the farm and all of its workings. Passengers will visit some of our livestock while enjoying a ride around the fields viewing the crops we plant and the equipment we use.

Pumpkin Harvest: For all ages *September - November, additional \$2 per person.*

The tractor-drawn wagon ride will make a stop in our pumpkin patch for a lesson on the life cycle of the pumpkin. Each participant will harvest a pumpkin to take home.

Dairy: Best for grades 1-6

Learn about the three dairy animals on the farm and how they turn grass into milk. Students will meet the cows, goats and sheep that supply us with all of our favorite dairy products and will discover how milk travels from the farm to the table. They will have a go at milking Cornelia, our life-size model cow.

Fleece & Fiber: Best for grades K-6

Sheep are just one of the fabulous creatures that provide us with fiber. Students will discover some other sources like llamas, goats and rabbits and spend time manipulating sheep wool. They will get up close with the animals that help keep us warm while learning how wool travels from sheep to sweater.

Classroom Chicken Egg Incubation: For all ages

Explore the life cycle of the chicken by hatching eggs in your own classroom. The Suffolk County Farm is a source of fertile chicken eggs and supplies to make this experience come to life for your students.

Teacher training workshops are available on February 15, 2017 and March 14, 2017, or we will come to you on a date of your choice for a group of 10 or more teachers. Workshop topics include setting up and maintaining equipment, methods and tips for hatching, candling eggs, chick care, and embryology. For more information, go to www.ccesuffolk.org/suffolk-county-farm, call (631) 852-4603, or email bj42@cornell.edu

From Egg to Chick: Best for grades K-6 *(March–June only)*

Explore the life cycle of the chicken and learn how the chick embryo develops inside the egg. This engaging session brings science alive for students and includes interaction with chicks or hens.

Backyard Farm: Best for grades K–8 *(April–October only)*

Students will rotate through the different stations in the Backyard Farm including raised beds, a compost display, an observational beehive and a chicken coop for an experience that will bring to life the process of sustainable agriculture. Students will be inspired to recreate aspects in their own backyard in order to have a healthier lifestyle and be better stewards of our environment.

Butterfly Discovery: Best for grades PreK-6 (Best as a 1 hour program) *(Late May – September only)*

Students will explore our butterfly house and be surrounded by local species and beneficial plants. They will observe the stages in the life cycle, learn about the anatomy of this insect and understand how butterflies benefit our environment.

Finding My Way: Best for grades 1-8 *(Best as a 1 hour program)*

Students will learn how to use their senses to find their way and experience the out-

doors to the fullest. They will discover how to use a map key and develop a firm understanding of direction. Beginner students will learn how to use a compass while more experienced groups will begin working with topographical maps or GPS units.

Green Footprints: Best for grades 3-8 *(Best as a 1 hour program)*

Through hands-on activities, students will learn to reduce, reuse, and recycle. They will learn how to “think global and act local” and reduce their personal impact on the earth resulting in a better “Green Footprint.”

Insects: Incredible Creatures: Best for grades K–6

Students will explore the amazing world of insects including body structure, insect lifestyles, habitats, adaptations and the role insects play as pollinators and recyclers.

Middle & High School geared Farm Experience: Best for grades 6-12

The farm can be a great platform to reinforce concepts learned in the classroom. Call to discuss what you would like highlighted in this customized tour & how you can use the farm to enhance your teaching.



In-School Field Trips



The Suffolk County Farm and Education Center understands that there is less and less funding available for field trips, so save on the cost of bus-ing and let us come to you. Unless stated otherwise, the following programs are \$150 per 25 students and are one hour in duration. Schedule two or more of the same programs for the same day and receive a 5% discount. Nassau County locations and locations outside of our 30-mile radius may be subject to an additional travel fee. A significant break between classes may also incur an additional fee. Please call (631) 852-4607 or email ccefarmgroups@cornell.edu to schedule a program.

Meet the Farm Animals: Best for grades Pre K-6

Our farm animals provide a unique way for students to learn about agriculture while enjoying hands-on interaction. Students will learn care, uses and what makes each animal one of a kind. Animals include: sheep, piglets, chickens, ducks, and a rabbit, llamas or calves can be brought at an additional fee. \$400 for 2 hours and maximum of 125 students; \$50 for each additional ½ hour increment.

From Egg to Chick: Best for grades K-6 (March–June only)

Explore the life cycle of the chicken and learn how the chick embryo develops inside the egg. This engaging session brings sci-ence alive for students and includes interac-tion with chicks or hens. Ask us about an in classroom incubation program to enhance this experience.

Go Wild About Llamas: Best for grades 1-6

Llamas, a member of the camelid family, offer a unique glimpse into South American culture and the animal world. Students will learn more about this gentle, intelligent and extremely useful animal, like what jobs they have and what you call a baby llama. Includes a visit with two llamas. \$200

Pet Pals: Best for grades K-5

Explore the many small pets you can have in your home or classroom, such as rab-bits, guinea pigs, hamsters, gerbils and mice. Every animal has different needs and characteristics and we will investigate all aspects of pets, from what they like to eat to where they like to live. Included is a visit from some of our “pet pals” for a fun hands-on experience.



Winter Wildlife: Best for grades K-6

Students will learn about winter wildlife and discover that nature is not entirely asleep. They will learn about migration hibernation, and adaptation through interactive games and activities. For on farm programs, add a 30-minute hike around the farm to look for footprints, homes, and other signs of winter wildlife.

Nature at Night: Best for grades K-6

Students will participate in hands-on activi-ties to discover some mysterious creatures that come out at night. They will learn how creatures like bats, owls and even bugs ben-efit our environment while we are asleep! Students will also learn some benefits and difficulties of both nocturnal and diurnal animals. Our resident nocturnal friends will

accompany the educator in the classroom to allow students an interaction “up close and personal.”

Butterflies: Best for grades K-6 (Late May-September only)

Students will be introduced to local butterfly species and habitats. They will observe the stages in the butterfly life cycle and learn about the anatomy of this insect at each stage. A visit with some butterfly friends will enable students to observe native species of butterflies.

Finding My Way: Best for grades K-8

Students will learn how to use their senses to find their way and experience the out-doors to the fullest. They will discover how to use a map key and develop a firm under-standing of direction. Beginner students

All of our programs meet NYS Learning Standards and may be funded through BOCES Arts-in-Education.
Persons needing special accommodations should contact 631-852-4607 at least two weeks prior to scheduled workshop.



will learn how to use a compass while more experienced groups will begin working with topographical maps or GPS units.

**Green Footprints:
Best for grades 3-8**

Through hands-on activities, students will learn to reduce, reuse and recycle and will understand how their actions can make a positive impact on our environment. Participants learn how their personal habits affect the rest of the world by calculating their carbon footprint. They discover what types of behaviors are particularly harmful to the planet and how they can have less of a negative impact on the natural environment.

**Insects: Incredible Creatures:
Best for grades K-6**

Students will explore the amazing world of insects including body structure, insect lifestyles, habitats, adaptations and the role insects play as pollinators and recyclers.

**Once Is Not Enough
(Making Paper from Paper):
Best for grades K-6**

Students will magically transform old paper into new and experience recycling first hand. They will learn about the impact waste has on the environment and how they can make a difference through reducing, reusing and recycling. Each student will take home their homemade piece of paper.

Plants: Best for grades 1-6

Explore the importance of green plants in our everyday life. Students will work as botanists to observe the plant life cycle, and learn about all parts of the plant. Even the edible parts we eat all the time! They get to garden their very own seed while learning about what plants need to survive.

**Spiders: Friend or Foe?:
Best for grades K-6**

This program will help students appreciate the role spiders play in the environment and will lessen the fear these crawly creatures conjure. Students will learn about the structure of spiders and their behavior through hands-on activities. Our resident arachnid will accompany the educator in the classroom to allow students an interaction that is "up close and personal."



**Worms Eat Our Garbage:
Best for grades K-8**

Students will better understand decomposers as they learn about worms and how they benefit our environment. Students will be introduced to the idea of composting as a recycling technique and will understand how the process works. Live worms will accompany this presentation with experiments

for the class to participate in. *Purchase a worm composting bin for \$50.*

**History Mystery:
Best for grades 3-6**

What tools do you use on a daily basis? Do you think about what it takes to accomplish everyday tasks? Students will explore artifacts dating from the turn of the century to the present to discover more about technology and themselves by becoming history mystery detectives. They will get a taste of the past as they help churn butter using a historic household tool.

**Ice Cream Making:
Best for grades K-6**

(April–August only)

Ice cream is more than a sweet indulgence – it has nutritional value and an interesting history. During this workshop, students will learn to make ice cream the old fashioned way – by hand cranking! They will also sample the fruits of their labor. **\$175**

**Toys in the Attic:
Best for grades 3-6**

Through the construction of an old-fashioned toy and the testing of their skill in old-fashioned games, students will discover the important role toys played in the lives of the children of the mid-1800s. Students will gain an appreciation of the simple materials and methods used for toy making by observing an antique toy demonstration.

**Getting Ready to Babysit:
Best for grades 6-8**

This course is designed to help teens develop the skills necessary for the responsibility of being a sitter—child safety, developmental stages of children and how to plan activities that are age appropriate. Hands-on activities and course certification are included. **\$195 for a group of 10 students, \$15 for each additional youth. 3 hours**

Early Childhood Programs



The following programs are geared especially for the early childhood audience and offer an introduction to many themes. These 45-minute sessions include a story, a craft, and hands-on interaction with the subject matter. They highlight listening comprehension skills and allow the children to use their 5 senses to get the most out of their experience. Each program costs \$150 per 24 students. Schedule two or more of the same program on the same day and receive a 5% discount. Nassau County locations and locations outside of our 30-mile radius may be subject to an additional travel fee. A significant break between classes may also incur an additional fee. Please call (631) 852-4607 or email ccefarmgroups@cornell.edu to schedule a program. Choose from the following themes:

Beautiful Butterflies: butterflies may visit! (*May-September only*)

Birds of a Feather: compares and contrasts farm birds and includes a duck and chicken visit!

Dairy Delights: focuses on dairy and includes ice-cream or butter making (*animal not included*).

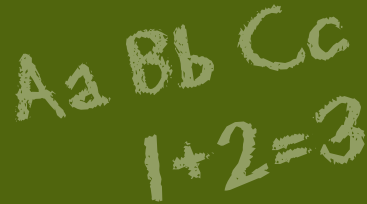
Goin' Buggy: includes insect visit!

Goin' Quackers: includes duck visit!

Hop to It: includes rabbit visit!

Shearly Delightful Sheep: focuses on sheep wool and yarn (*animal not included*).

Historic Winter Programs



Come to the farm this winter for a truly unique historic experience. Through hands-on activities and role-playing, students will have the opportunity to fully engage in farm life as it was in the 1870's. Choose one of the following options according to grade level. Each program is 2.5 hours and costs \$12 per student with a \$180 minimum. Only 2 classes can be accommodated each day. Please call (631) 852-4607 or email ccefarmgroups@cornell.edu to schedule a program.

Holiday Yesterday's Child: Best for grades 3-5 (*November –December only*)

Students will learn about caring for animals when they visit the barn and learn to groom a pony, as well as meet our resident sheep, chickens, and rabbits. They will learn to milk our life size model cow and will hand churn butter the old fashioned way. Students will be immersed in the era through role-playing in the general store and will also hand dip candles to take home. They will become apprentices to the tin-smith and will create their very own punched tin luminary.

Winter Yesterday's Child: Best for grades 1-2 (*January – March only*)

Students will learn about caring for animals when they visit the barn and learn to groom a pony, as well as meet our resident sheep, chickens, and rabbits. They will learn to milk our life size model cow and will hand churn butter the old fashioned way. Students will be immersed in the era through role-playing in the general store and they will learn the handicraft of sewing. A visit to our one-room schoolhouse will give them a glimpse at what school was like in the 1800's.

Payment Policy

Payment is expected on or before the day of the trip. We accept VISA, MasterCard, money orders or checks made payable to Cornell Cooperative Extension of Suffolk County. Sorry, we cannot accept cash for payment. Program fees provide for necessary school staff and two free parents per class. Any additional visitors must pay the teacher who will then pay at registration. It is not necessary to provide more than two chaperones per class.

Cancellation Policy

Programs can be cancelled up to ten days prior to the date without penalty. There may be a \$25 per class cancellation fee for programs cancelled with less than ten days notice and not rescheduled.