



Fernbrook Farms Environmental Education Center
2020 Winter Lower Level Homeschool Semester
Ages 6-11 years old (child must be 6 by the first class)



Class Sessions Offered: Tuesdays 9:30am-11:30am, Tuesdays 1:30pm-3:30pm,
Thursdays 9:30am-11:30am or Thursdays 1:30pm-3:30pm

Winter Ecology **January 14th or 16th**

Winter seems like a quiet time in nature but here in New Jersey there are many species that have adapted to the winter weather. During this class we'll traverse the farm to learn what strategies the plants and animals have developed to endure the winter elements. We'll discover which animals migrate, go dormant, hibernate or stay active and why.

Winter Birds **January 21st or 23rd**

Some bird species take flight to warmer homes for the winter but birds that remain have amazing survival tactics for New Jersey winters. We'll learn where to look for winter birds, what they eat and how to enjoy observing them throughout the cold months. In order for the students to continue observing the winter birds we will create our own bird feeders for home observation

Food Webs & Food Chains **January 28th or 30th**

What is a food web? What is a food chain? How are they similar, and how are they different? The students will be able to answer all of these questions and more after our class. Collectively, the students will use their scientific knowledge of Fernbrook's ecosystems and the native species that inhabit New Jersey along with their creative minds to create various food webs and food chains!

All Things from Trees **February 4th or 6th**

Did you know that trees provide us with more than 5,000 products that people use every day? During this class we will understand how products such as paint, toothpaste, tires, and cake frosting are related to trees. The students will leave the class with a better understanding of how to help conserve forests and trees for future generations.

Orienteering & Cartography **February 11th or 13th**

With GPS today, less people attempt to develop a good sense of direction, but we never know when technology will leave us stranded. After this class, students can be proud of their map and compass skills. They will explore 230-acres of the farm following bearings and observing their topography to find their way with maps. Students will also learn a few of nature's directional clues to prevent them from getting turned around when exploring.

Wilderness Safety & Survival Skills **February 18th or 20th**

Being safe during outdoor excursions and activities is important, and being prepared for any situation helps nature lovers feel comfortable in their travels. Students will learn what to take on an afternoon hike or a 3-day camping trip, then how to safely use the tools to prevent injury and sickness. The group will encounter multiple scenarios that will challenge their survival skills.

Patterns in Nature **February 25th or 27th**

Here at Fernbrook we are always amazed by the beauty of nature, but we sometimes miss the most marvelous details. We will spend this class discovering winter patterns and shapes in the trees, snow, clouds, ice and all part of nature. The students will take some time to quietly observe all the little miracles provided by Mother Earth and appreciate the designs and delicate features around the farm.

Farm Animal Husbandry **March 3rd or 5th**

During our last class of the semester the students will get up close and personal with all of the Fernbrook farm animals. We will learn about the specific needs each animal has for a healthy life; bedding, nutrition, space, exercise and interaction. Classes will discuss medical issues we need to be aware of and preventative measure to keep the animals free of sickness, happy, and healthy!

**** Class topics are subject to change depending on weather and environmental factors which may affect the effectiveness of the class topic****



Fernbrook Farms Environmental Education Center
2020 Winter Lower Level Homeschool Semester
Ages 6-11 years old (child must be 6 by the first class)



Name of Child		Age	Date of Birth	Male	Female
Address		City State			
Zip Code		Current Grade Level			
Parent's Name		Parent's Name			
Home Phone#	Work#	Home Phone#	Work#		
Email		Email			
Cell#		Cell#			
Employer		Employer			
Emergency Contact (Name, Phone #, Relationship)					

Class Times & Days (please circle class you want your child to attend) :

Tuesdays 9:30am-11:30am, Tuesdays 1:30pm-3:30pm, Thursdays 9:30am-11:30am, Thursdays 1:30pm-3:30pm

8-week Semester runs: January 14th/16th to March 3rd/5th

Confidential Medical Information & Required Emergency Information

- ☐ Please indicate information about the registrant(s) regarding medications, allergies, physical disabilities or restrictions that the instructors should know about. Attach pages if necessary.

In case of an emergency, I give my permission to have _____ (child/children) receive first aid and be transported to the nearest hospital by professional, emergency personnel. I understand I will be financially responsible for the cost of such treatment. ☐ YES ☐ NO

Parent/Guardian _____ Date signed _____

I give Fernbrook Farms Environmental Education Center permission to use any photographs or video footage of my child(ren) for any promotional or other legitimate reason. ☐ YES ☐ NO

Parent/Guardian _____ Date signed _____

***Registration Fee - \$112.00 for entire semester** *Discounts available: sibling, CSA member, and multi-session registration*

- **MAKE CHECKS PAYABLE TO:**
Fernbrook Farms Environmental Education Center
(FFEEC)

MAIL REGISTRATION TO:
Fernbrook Farms Environmental Education Center
Lower Level Homeschool
P.O. BOX 228
Bordentown, NJ 08505

- **REGISTER ONLINE:**
On our website at www.FernbrookFarms.com