



**Fernbrook Farms Environmental Education Center**  
**2021 Fall Lower Level Homeschool Semester**  
**Ages 6-11 years old (child must be 6 by the first class)**



**2-Hour Class Options:** Tuesdays 9:30am-11:30am, Tuesdays 1:00pm-3:00pm, Thursdays 9:30am-11:30am or Thursdays 1:00pm-3:00pm

**Enrichment Program Options:** Wednesdays or Fridays 9:30am-3:00pm

**Monarch Migration**

**September 28<sup>th</sup> - Oct. 1**

Millions of monarch butterflies begin a migration south to Mexico every fall. During this class the students will explore the meadow habit in search of migrating monarchs. Through games and discussions, and exploration the students will understand what the monarchs' needs are in order to make their 3,000 mile journey to their overwintering sites.



**Creek Sneak**

**October 5<sup>th</sup> - 8<sup>th</sup>**

A multitude of wildlife species depends on the water, debris, mud, and flow pattern of the creek to survive. The class will have the opportunity to walk down the creek bed and find what's living there. We'll be keeping our eyes peeled for everything from big mammals to small macroinvertebrates and learning how the whole community is connected. *Don't worry parents the creek is shallow so the kids will be safe, but we can't promise they'll be clean so here's your fair warning: STUDENTS WILL BE DIRTY!* *\*Students should wear old sneakers or water shoes- Rain boots are not ideal since they can fill with water\**

**Benthic Macroinvertebrates**

**October 12<sup>th</sup> - 15<sup>th</sup>**

There is a whole community of insect species below the water's surface. Some are predators, others only eat plants. Each of these plays an important role in sustaining the life below the water's surface. Together we'll collect and examine the anatomy of several species of Benthic Macroinvertebrates to see which ones play what role. *STUDENTS WILL BE DIRTY!* *\*Students should wear old sneakers or water shoes- Rain boots are not ideal since they can fill with water\**

**Mosses and Lichens**

**October 19<sup>th</sup> - 22<sup>nd</sup>**

Moss and Lichen are very old organisms and New Jersey has a wide variety in our forests. We'll explore every corner of the farm looking for and identifying mosses and lichens, learning what makes them successful and how they survive in variety of habitats.

**Organic Farming**

**October 26<sup>th</sup> - 29<sup>th</sup>**

We'll discover what it takes to be a farmer by learning about the energy that goes into food production from planting to harvesting. We'll explore Fernbrook's Community Supported Agriculture (CSA) and learn what it means to be "organic" and how organic farming differs from commercial farming

**Populations in Nature: Finding the Balance**

**November 2<sup>nd</sup> - 5<sup>th</sup>**

This class on populations takes a look closer at the balance in an ecosystem. Students will learn more about competition for resources and the flows of energy in natural systems. Students will also learn about carrying capacities of healthy ecosystems, and the natural and human impacts which cause species extinction.

**Horticulture Experiments**

**November 9<sup>th</sup> - 11<sup>th</sup>**

Fernbrook Farms Nursery is going to be a great resource for this class. With a little help from Farmer Q the students will learn about how the Nursery propagates by taking cuttings of trees and plants, and we will then conduct our own experiment.

**Mammals of New Jersey**

**November 16<sup>th</sup> - 18<sup>th</sup>**

Fox, beaver, groundhog and deer are a few of the mammals that can be spotted while traversing the trails of Fernbrook. Together we'll track some of these animals and try to piece together their day. We'll look for where they may have slept or eaten and drinking holes they've visited.





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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) :**

**2-Hour Class Options:** Tuesdays 9:30am-11:30am, Tuesdays 1:00pm-3:00pm,  
Thursdays 9:30am-11:30am, Thursdays 1:00pm-3:00pm

**Enrichment Class Options:** Wednesdays 9:30am-3:00pm or Friday 9:30am-3:00pm

8-week Fall Semester runs: September 28<sup>th</sup> or 30<sup>th</sup> to November 16<sup>th</sup> or 18<sup>th</sup>

**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 - \$116.00 for entire semester** \*Discounts available: sibling, CSA member, and multi-session registration\*

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

**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](http://www.FernbrookFarms.com)