

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 28th- 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.



October 5th – 8th Creek Sneak

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 12th – 15th

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 19th – 22nd

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.

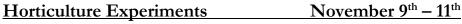
Organic Farming

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 $2^{nd} - 5^{th}$

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.



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 16th – 18th

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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Male

Ages 6-11 years old (child must be 6 by the first class)

Age

Date of Birth

Address		City	Si	tate		
Zip Code		Current Grade Lev	Current Grade Level			
Parent's Name		Parent's Name	Parent's Name			
Home Phone#	Work#	Home Phone#	Wo	ork#		
Email		Email	Email			
Cell#		Cell#	Cell#			
Employer		Employer	Employer			
Emergency Contact (Name, F	Phone #, Relationship)					
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session registration* **MAKE CHECKS PAYABLE TO:**

Fernbrook Farms Environmental Education Center (FFEEC)

REGISTER ONLINE:

On our website at www.FernbrookFarms.com

MAIL REGISTRATION TO:

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