



## Fernbrook Farms Environmental Education Center 2022 Spring Upper Level Homeschool Semester

Ages 12-14 Years Old (students must be 12 years old by the start of classes)



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

### ***Animal Science and Agriculture***

The students will be investigating topics in “*Animal Science and Agriculture*”. Throughout the semester, every other class the students will participate in “field trips” to several farms within a 5-30 minute drive of Fernbrook. We have a maximum capacity of 10 students per class. Classes will use our 10 passenger van to travel to and from field trip locations. The goal is to learn about that farms operation and see what is involved in the daily maintenance and care of the farm and the animals that live there. There will also be a chance to participate in a Q&A session with the farmer to gain a better understanding of the products that are being produced and understand the business side of farming.

Ms. Patty Gurgul

#### **Introduction to Agriculture**

**March 29<sup>th</sup> or 31<sup>st</sup>**

During this first class, we will be looking at some essential questions, such as: Where does our food and products come from, farm or factory? What makes for a good domesticated farm animal and why don't we domesticate zebras? Do the baby animals learn from their parents?

#### **Field Trip: Windy Farm Alpacas**

**April 5<sup>th</sup> or 7<sup>th</sup>**

Trip to Windy Farm Alpacas. To learn from Ms. Jackie about her alpaca herd, yarn & fiber, daily animal chores, and her breeding techniques. The farm is located on White Pine Rd in Chesterfield. Visit their website [www.windyfarmalpacas.com](http://www.windyfarmalpacas.com) (Products will be available to purchase)



#### **Fibers and Weaving**

**April 12<sup>th</sup> or 14<sup>th</sup>**

We will be looking at natural versus synthetic fibers as well as renewable vs nonrenewable resources during this class. Students will have an opportunity to look at different types of fibers, how they are processed and work on a weaving of their own.

#### **Farming, Food and Heredity**

**April 19<sup>th</sup> or 21<sup>st</sup>**

We will be looking at natural selection vs artificial selection in this class. Why would farmers want to selectively breed certain animals and how would they do it? We will also be preparing for our next class by learning a bit about bees, honey, and flowers.

#### **Veterinarian Visit to Fernbrook (Tentative)**

**April 26<sup>th</sup> or 28<sup>th</sup>**

A local veterinarian and vet tech will be visiting the farm during this class to help us learn about the daily care, preventive medicine, and treatment of diseases for Fernbrook's farm animals. We will also be learning about careers related to agriculture.



#### **Field Trip: Birds and Bees Farm (Tentative)**

**May 3<sup>rd</sup> or 5<sup>th</sup>**

Trip to Birds and Bees Farm, which is a family-owned apiary, working 82 hives in Burlington, Monmouth, and Ocean Counties. Students will be learning about the bee operations at the farm and the services that they provide. Visit their website [www.birdsandbeesfarm.com](http://www.birdsandbeesfarm.com) (Products will be available to purchase.)





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### **Field Trip: Cherry Grove Farm**

**May 10<sup>th</sup> or 12<sup>th</sup>**

Trip to Cherry Grove Farm in Lawrenceville. The tour will include information on sustainable farming, milkers and the dairy barn, what it means to be farmstead cheese-makers, humane animal husbandry, care for the watershed, and managing a balanced ecosystem. Visit their website [www.cherrygrovefarm.com](http://www.cherrygrovefarm.com) (Products will be available for purchase.)



### **Food Safety and Hygiene**

**May 17<sup>th</sup> or 19<sup>th</sup>**

During the last on-farm class the students be learning about keeping our food products safe to eat and we will be making cheese during this class. The class will also explore a variety of different digestive systems of livestock and finding out what's in the food we all eat?



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## ***“Animal Science and Agriculture”***

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 Sessions Offered (please circle the class you want your child to attend) :**

Tuesdays 9:30am-11:30am OR Tuesdays 1:00pm-3:00pm OR

Thursdays 9:30am-11:30am OR Thursdays 1:00pm-3:00pm

8-week Semester runs: March 29<sup>th</sup> or 31<sup>st</sup> to May 17<sup>th</sup> or 19<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.**

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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 - \$144.00 for entire semester including cost of field trips**

- **MAKE CHECKS PAYABLE TO:**

Fernbrook Farms Environmental Education Center  
(FFEEC)

#### **MAIL REGISTRATION TO:**

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

- **REGISTER ONLINE:**

On our website at [www.FernbrookFarms.com](http://www.FernbrookFarms.com)