



## Field Trip Activity Menu

Field trips include a guided nature hike and at least two activities connected to your selected theme or standards. Please choose one of the following themes for your field trip.

### Preschool-2nd Grade Field Trips

- **Scientists Use Their Senses** - Find out about all the different ways scientists use their different senses to learn about the world and then use your senses to learn more about Moore Road Farm. (K.PS.1, K.LS.2, 1.LS.3, 2.PS.1, 3.PS.3)
- **Working with Weather** - Investigate different types of weather events and why and how they happen. Learn about the water cycle through a science experiment. (K.ESS.1, K.ESS.2, K.ESS.3, 1.ESS.1, 1.ESS.4, 2.ESS.3, 2.ESS.4)
- **Animals as Engineers** - Explore some of the wondrous things animals build to help them survive in the habitats in which they live. Make your own model habitats. (K.LS.2, K.LS.3, 1.LS.2, 1.LS.3, 1.LS.4, 2.LS.3, K-2.E.2)
- **Is it Alive?** - Explore the characteristics of living and nonliving things through observations, comparisons, and classification. (K.PS.1, K.LS.1, K.LS.2, K.LS.3, 1.LS.1, 1.LS.2, 1.LS.3, 2.PS.1, 2.LS.2, 2.LS.3)
- **Time to Fly** - Investigate forces as you observe things that fly and use the engineering design process to create something of your own that flies through the air. (K.PS.1, K.PS.2, K.PS.3, K.PS.4, K.LS.2, 1.LS.2, 2.PS.4, 2.LS.2, 2.LS.3, K-2.E.2, K-2.E.3)
- **What's in the Garden?** - Observe and explore our gardens to learn more about the needs of living things and what it takes for a garden to grow. (K.ESS.4, K.PS.1, K.LS.2, K.LS.3, 1.ESS.2, 1.ESS.3, 1.LS.3, 2.PS.1, 2.PS.2)
- **Is the Creek Healthy?** - Clean and healthy water is essential for healthy plants, animals, and people. Observe our creek and learn about how people monitor and protect local waterways to ensure water is clean and healthy for all who need it. (K.ESS.4, K.LS.1, K.LS.2, K.LS.3, 1.PS.1, 1.ESS.4, 1.LS.1, 1.LS.3, 1.LS.4, 2.PS.1, 2.PS.4, 2.ESS.4, 2.LS.2, 2.LS.3, K-2.E.1)

### 3rd-5th Grade Field Trips

- **Exploring Energy** - Explore how light and/or heat energy moves from one place to another and how energy interacts with matter. (4.PS.4, 4.PS.5, 4.ESS.2)
- **Time to Fly** - Investigate forces as you observe things that fly and use the engineering design process to create something of your own that flies through the air. (3.PS.1, 3.LS.3, 4.PS.1, 4.PS.4, 4.LS.3, 3-5.E.1, 3-5.E.2, 3-5.E.3)
- **Exploring Earth Processes** - Identify, model, and investigate how geological processes make changes to the Earth quickly and over time. (4.ESS.3, 4.ESS.4, 5.ESS.3, 5.ESS.4)
- **Healthy Soil and Water** - Clean and healthy soil and water are essential for healthy organisms and ecosystems. Observe and test soil and water samples to determine how healthy they are. (4.ESS.4, 5.PS.1, 5.PS.2)



- **Investigating Adaptations** - Model and investigate the features that organisms have that help them survive. (3.ESS.1, 3.LS.1, 3.LS.3, 4.LS.1, 4.LS.2, 4.LS.3, 5.ESS.4, 5.LS.3)
- **Organism Interactions** - Explore how ecosystems contain both living and nonliving things and how living things interact with and are dependent upon the living and nonliving things around them. (3.LS.2, 4.LS.2, 4.LS.3, 5.LS.1, 5.LS.2)
- **What's in the Garden?** - Observe and explore our gardens to learn more about how the needs of living things are met at Moore Road Farm and what it takes for a garden to grow. (3.LS.3, 4.ESS.3, 4.LS.3, 5.ESS.3, 5.ESS.4, 5.LS.1, 5.LS.2)
- **Is the Creek Healthy?** - Clean and healthy water is essential for healthy plants, animals, and people. Observe our creek and learn about how people monitor and protect local waterways to ensure water is clean and healthy for all who need it. (3.LS.3, 4.ESS.2, 4.ESS.4, 4.LS.2, 4.LS.3, 5.ESS.3, 5.ESS.4, 5.LS.2, 3-5.E.2)

### 6th-8th Grade Field Trips

- **Time to Fly** - Investigate how forces affect the movement of objects and how humans take inspiration from nature to design useful machines. (6.PS.3, 7.PS.4, 7.PS.5, 7.PS.6, 7.PS.7, 6-8.E.1)
- **Healthy Soil and Water** - Clean and healthy soil and water are essential for healthy organisms and ecosystems. Observe and test soil and water samples to determine how healthy they are. (6.ESS.3, 6.LS.4, 7.ESS.3, 8.PS.6, 8.ESS.2, 8.ESS.3)
- **Biotic and Abiotic Things** - Identify the characteristics of living things, observe, compare, and classify items and materials around the farm, and recognize interactions between biotic and abiotic things. (6.LS.1, 6.LS.2, 6.LS.3, 6.LS.4, 7.LS.1, 8.ESS.3, 8.LS.2)
- **Energy Flow in Ecosystems** - Explore how energy in all ecosystems starts with the sun and moves through different organisms. (5.LS.1, 6.LS.2, 6.LS.3, 6.LS.4, 7.PS.8, 7.PS.9)
- **What's in the Garden?** - Observe and explore our gardens to learn more about how the needs of living things are met at Moore Road Farm, what it takes for a garden to grow, and how we maximize our space and time to grow as much as possible in our gardens. (6.LS.1, 6.LS.2, 6.LS.3, 6.LS.4, 7.LS.1, 8.ESS.3, 8.LS.2)
- **Is the Creek Healthy?** - Clean and healthy water is essential for healthy plants, animals, and people. Observe our creek and learn about how people monitor and protect local waterways to ensure water is clean and healthy for all who need it. (6.LS.1, 6.LS.3, 6.LS.4, 6.LS.5, 8.ESS.2, 8.ESS.3, 8.PS.6, 8.LS.5, 8.LS.7)

**9th-12th Grade Field Trips** - Contact Andrea Elstro - [aelstro@thestemconnection.org](mailto:aelstro@thestemconnection.org) - to discuss possibilities.

### Seasonal Offerings (include but are not limited to)

- **Fall:** Harvesting on the Farm, Gather Around the Campfire
- **Winter:** Hibernation Station, Animals in Winter
- **Spring:** Signs of Spring, Wake Up Woods
- **Summer:** Summer on the Farm