



## Digging Deeper into Sustainability (Lessons 1 - 6)

*Build on the earlier lessons as children understand that living things rely on other living things for energy and the resources they need to live. Encompass a broader understanding of nature and what sustains life and the environment around us while exploring soils and habitats.*

### Lesson #5: Soils

Soil is an essential source of life and nutrients for living things. It's not just dirt, it's alive and is composed of a variety of living and non-living things as well as earth materials.

*We visit different areas on the farm to explore:*

- The different types of soil; their unique characteristics and composition
- Why soil is important for our survival.
- Composting – let's make soil.

*Lessons connect to:*

*Ontario Science and Technology Curriculum*  
Understanding Life Systems - Grade 3 - Soils in the Environment

*Ontario Social Studies Curriculum* People and Environments: Living and Working in Ontario, Urban and Rural Communities

## **Lesson #6: Habitats**

Our farm is our home, our ecosystem made up of a wonderful mix of living and nonliving things in a variety of habitats.

***We will explore our farm's habitats, investigating plants and animals keeping in mind:***

- their biodiversity
- their interdependence
- their adaptation to the space, sun, water, air, and food that is available to them.

***How does your neighborhood compare to what you see and hear on our farm?***

***Lessons connect with:***

*Ontario Science and Technology Curriculum - Grade 4  
Understanding Life Systems - Habitats*

*Ontario Social Studies Curriculum -Strand B – People and Environments: The Local Community*

**Concepts of** continuity and change, patterns and trends, interrelationships