



Title: Who Lives in the Soil? (2035)
Level: Grade K
Location: Local School

Type: Outreach
Length: 40 Minutes
Limit: One class

Program Description

Students will learn about two animal groups that live in the soil – ants and earthworms. Using live creatures and demonstration materials the instructor will discuss the characteristics of each animal group. Students will compare and contrast characteristics of each group, observe an active ant farm and look at live worms.

Standards

SKL2: Students will compare the similarities and differences in groups of animals.

- a. Explain the similarities and differences in animals (color, size, appearance, etc.)

SKCS6: Students will understand the important features of the process of scientific inquiry.

Students will apply the following to inquiry learning practices:

- a. Tools such as magnifiers often give more information about things than can be obtained by just observing things without help.
- b. Much can be learned about plants and animals by observing them closely.

Vocabulary

ant	antennae
earthworm	soil
legs	

Pre-Visit Activities

Discuss places where animals live and include in your discussion creatures who live in the soil.

Post-Visit Activity

Compare and contrast characteristics of ants and earthworms by repeating the standing fingerplay used at the end of the lesson – see next page. Both creatures are small animals that live in the soil; ants have antennae, six legs, three body parts and live with other ants. Earthworms have no legs, no antennae, tube-shaped body and can live on their own.

Who Lives in the Soil?

Standing finger play activity

Ants live underground with lots of other ants.
(squat and point down)

Crawling thru tunnels on their six long legs
(crawling motions then hold up 6 fingers -3 on each hand)

With three hard body parts and a waist that's very skinny
(hold up 3 fingers then hands at waist)

When they meet another ant, they touch their antennae!
(make antennae on head and rub others antennae)

Ants live in the soil!

Worms live underground and live all alone
(squat and point down then hug self)

They don't have legs, but they can move on their own
(arms down close to body)

They don't have eyes or nose or any antennae
(pat eyes, nose then top of head)

Their soft tube-shaped bodies are squirmy and skinny!
(wiggle whole body)

Worms live in the soil!

ANTS AND WORMS LIVE IN THE SOIL!
(Shout)