

The Scoop on Soil

2023 Summer Ag Institute Presentation from 

FEATURED ACTIVITIES:

- Chocolate Bar Core Sampling** - Take a candy bar core sample and compare its layers to a soil horizon.
- Soil Sam** - Learn about seed germination and monocots and dicots by giving our friend Sam some hair.
- Slice of Soil** - Demonstrate how little of earth's surface we're able to grow food on - featuring NEW data!
- Say it With Soil** - Dig into quotes about soil from people in our history to understand its importance.
- Vermicomposting** - Appreciate the creepy crawly worms underfoot by using them to make compost.
- Outdoor Adventure Flipbook** - Explore nature around you while identifying parts & species of plants.
- Soil Your Undies** - Bury your undies underground and let the critters in the soil decompose them over time.
- Spot IL!** - There's more to Illinois agriculture than corn and soybeans! Learn more in this fun card game.
- Soil Sifters** - Use a seven-tiered soil sifter to separate out the different particle sizes in soil.
- Erosion Simulator** - Understand the importance of cover crops in minimizing erosion with this simulator.
- Earthworm Math and Writing** - Teach your littles to count and write by matching parts of a worm.
- Winogradsky Columns** - Observe bacteria in soil in colorful columns of standalone ecosystems.
- Soil Sleuths: The Case of the Grieving Gardeners** - Brand new soil breakout box from IAITC!
- Mighty Macronutrients** - Absorb information about the three macronutrients plants need in soil.
- Soil Cereal Stack** - Create a soil profile using breakfast cereals that represent the soil horizons.
- Parts of a Flower** - Make a simple model of the four flower parts and their functions.
- Microorganism Microscope Mania** - Take a closer look at the life in your soil.
- Beneficial Bugs Scavenger Hunt** - Place insects into categories based on their function and importance.
- Good Guys, Bad Guys Memory Game** - Not all insects are bad! Learn to appreciate misunderstood bugs.

