Earthworms are Neat!

Grade Level(s)

2nd-3rd

Estimated Time

30 minutes

Purpose

Students will explore diversity in agriculture through a fun lesson about vermiculture: earthworm farming.

Materials

Links:

Website with virtual resources: [www.riverbendaitc.com](http://www.riverbendaitc.com)

Power Point Review Quiz

Vocabulary

Vermiculture: The cultivation of earthworms

Worm Castings: Worm Manure

Organic Matter: is matter that has come from a recently living organism.

Procedures

1. Watch instructional video, [www.riverbendaitc.com/january](http://www.riverbendaitc.com/january)
2. Watch earthworm farmchat, [(1) Earthworm FarmChat - YouTube](https://www.youtube.com/watch?v=5Q8_iJ8Xfb0)
3. Review vocabulary words. Be sure to answer the following questions:
	1. Describe how the earthworms are raised
	2. What are worm castings
	3. Why are worms good for the environment
	4. 1-2 fun facts
4. PowerPoint review game: Instruct the students to hold up their answers using the shapes corresponding with their answer of choice. Shapes provided in the kit or online. Quiz answers are in the PowerPoint.

Organization Affiliation

Rebecca VanderHeiden, River Bend Ag in the Classroom, Scott County Farm Bureau

Iowa Core Standards

SS.2.12: Identify how people use natural resources to produce goods and services.

K-2-ETS1-1: Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.