



Hidden Villa Environmental Education
 Science and Nature Videos
Supporting Materials

104 – Decomposers: Turning Scraps into Dirt

Description: This video shows how worms can change their environment by changing plant leftovers into soil. Can be used for NEXT GENERATION SCIENCE STANDARD K-ESS2-2

K-ESS2-2 Earth's Systems

Students who demonstrate understanding can: Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.

<p>Science and Engineering Practices Engaging in Argument from Evidence Engaging in argument from evidence in K-2 builds on prior experiences and progresses to comparing ideas and representations about the natural and designed world(s). Construct an argument with evidence to support a claim.</p>	<p>Disciplinary Core Ideas ESS2.E: Biogeology Plants and animals can change their environment.</p>	<p>Crosscutting Concepts Systems and System Models Systems in the natural and designed world have parts that work together.</p>
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Supplemental questions:

- How do worms help people?
- Some farmers call worms the most important ingredient for farming, why?
- Why do we need dirt in the garden?
- If worms didn't clean up plant and animal leftovers, what would happen? Are there other animals that turn leftovers into dirt?

Other related videos:

- 102 – Animals that Dig: Who Needs Bulldozers?
- 103 – How Animals Make Their Homes: Woodrats
- 101 – How Deer Affect Trees...and the Entire Forest!

Hidden Villa is a 1600 acre wilderness and organic farm located in Los Altos Hills, California. See all that Hidden Villa has to offer at www.hiddenvilla.org Contact us at hveep@hiddenvilla.org