



Hidden Villa Environmental Education Science and Nature Videos **Supporting Materials**

128 – Caring for the Wilderness Through Careful Farming Description: This video gives examples of how farmers can work with the wilderness and protect natural resources and environments. It can be used with NEXT GENERATION SCIENCE STANDARD 5-ESS3-1

5-ESS3-1 Earth and Human Activity

Students who demonstrate understanding can: Obtain and combine information about ways individual communities use science ideas to protect the Earth’s resources and environment.

<p>Science and Engineering Practices Obtaining, Evaluating, and Communicating Information</p> <p>Obtaining, evaluating, and communicating information in 3-5 builds on K-2 experiences and progresses to evaluating the merit and accuracy of ideas and methods. Obtain and combine information from books and/or other reliable media to explain phenomena or solutions to a design problem.</p>	<p>Disciplinary Core Ideas ESS3.C: Human Impacts on Earth Systems</p> <p>Human activities in agriculture, industry, and everyday life have had major effects on the land, vegetation, streams, ocean, air, and even outer space. But individuals and communities are doing things to help protect Earth’s resources and environments.</p>	<p>Crosscutting Concepts Systems and System Models</p> <p>A system can be described in terms of its components and their interactions.</p>
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Question on video.

What does organic farming mean to you?

Supplemental questions:

Do you or your family buy organic food? Why or why not? How are wild animals important to farming?

Why not just use pesticides instead of relying on wild animals? Does organic farming make sense to you? Why or why not?

How does rotating different plants in a field create healthier plants? (Some plants, like peas, draw nitrogen to their roots. Some plants, like corn, provide shade for other plants. Some plants, like squash, have prickly leaves that deter bugs.

Other related videos:

115 – How One Family Saved a Watershed

127 – Helping Birds Build Nests

126 – How Hidden Villa Saves Rainwater the Easy Way

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