



Hidden Villa Environmental Education
 Science and Nature Videos
Supporting Materials

112 – Let’s Play With Plants!

Description: This video shows one example of how students can have fun with plants by taking advantage of a plant's strategy for getting its seeds to hitch a ride on animals for dispersal. Can be used for NEXT GENERATION SCIENCE STANDARD 2-LS2-2

2-LS2-2 Ecosystems: Interactions, Energy, and Dynamics

Students who demonstrate understanding can: Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

<p>Science and Engineering Practices Developing and Using Models Modeling in K-2 builds on prior experiences and progresses to include using and developing models (i.e., diagram, drawing, physical replica, diorama, dramatization, or storyboard) that represent concrete events or design solutions. Develop a simple model based on evidence to represent a proposed object or tool.</p>	<p>Disciplinary Core Ideas LS2.A: Interdependent Relationships in Ecosystems Plants depend on animals for pollination or to move their seeds around.</p>	<p>Crosscutting Concepts Structure and Function The shape and stability of structures of natural and designed objects are related to their function(s).</p>
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Supplemental questions:

- Why is the plant in the video called a ‘foxtail’ grass?
- What is the importance of the ‘one-way’ hairs on a foxtail?
- How does the ability to move through an animal’s fur help the parent plant?
- Why should you avoid playing with foxtails that have turned any color except green? Why should you keep them away from pets?

Other related videos:

- 110 – How to Keep Plants Healthy
- 111 – How Seeds Travel
- 120 – Seed Dispersal
- 129 – Digging Deep: Exploring the Compost Pile

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