



Habitats Hike

Video #349

Developed for Grades: 2nd - 5th

The WOW videos have been developed to inspire students to learn more about **NGSS Life Science and/or Earth Science Disciplinary Core Ideas**. These could include:

- Plants and animals (including humans) can change their environment.
- Living things need water, air, and resources from the land.
- Humans use natural resources for everything they do.
- All organisms have internal and external structures that serve various functions in growth, survival, behavior and reproduction.
- Importance of ecosystems and habitats
- Cross cutting concepts like patterns, cause and effect, etc.

The WOW videos and their support documents can also be used with **English Language Arts**. Here are some ideas:

1. Select a few questions from the Know-It-All section and have students write their answers.
2. Have students write a story related to the topic. They could even add illustrations. For some grades students could read their stories and/or video tape their readings to share.
3. Students could write a poem, a play, or a song based on something in the video that created an emotional response for them.
4. Key words in the video can be used in creative writing assignments.
5. Older students could explore the difference in learning from video as opposed to a book. What are the advantages and disadvantages?

Answer Key for Know-It-All

1. **What senses did Eve and Sophie use when making observations of the habitats they were in?**
 - Sight, vision, smell, and touch.
2. **What did you notice about the three different habitats? What elements were the same and what were different about them? Hint: You might want to watch the video again and take notes.**
 - Will differ by student. Some possibilities are:
The Riparian has a creek and there are lots of trees that shade the area. As a result, the area is cool and lots of birds can be heard singing in the trees.
The Woodlands are above the creek so you couldn't hear it flowing. There are still a lot of trees and singing birds.
The Chaparral is even higher up the hills. Many little hills could be seen in the background. Instead of tall trees, there were bushes and grass. Sophie and Eve noticed that it was a lot warmer and exposed to the sun there than in the other two habitats.
3. **What are the four things that every plant and animal needs to have in their habitat?**
 - Food, water, shelter and space.
4. **What habitats do you have near your home or neighborhood? Notice where an animal might get food, water and shelter. What type of space is available?**
 - Answers will differ by student. They could even make up a name for a habitat as long as it contains the four essentials! Even the underside of a log can be a habitat (a "micro-habitat.").
5. **Can a farm be a habitat? Why or why not?**
 - A farm is a habitat for farm animals and crop plants. It is a man-made habitat instead of a natural one. But, the animals who live there get food, water, shelter and space on the farm. Often, small wild animals, like insects, spiders, snakes, lizards, mice and rats make the farm their habitat because it provides everything that they need, too!
6. **What do you wonder about the habitats at Hidden Villa?**
 - Answers will vary by student. (You can't wonder incorrectly!)

