

Manchester College
Education Department
Chase Estepp

Lesson: ___ **Creating a Shelter** _____

Length: ___ **20 minutes** _____

Age or Grade Level Intended: ___ **1st Grade** _____

Academic Standard(s): **Science 1.4.3** Construct a simple shelter for an animal with natural and human-made materials taking care to use tools and materials safely and properly.

Performance Objectives: The students will create a shelter for a small animal or insect using the materials provided to them.

Assessment: Check to make sure they have used the materials provided and created a shelter that is useable.

Advanced Preparation by Teacher:

- Scissors
- Glue
- Popsicle Sticks
- Grass
- Tree Twigs
- Pop Bottles

Procedure

Introduction/Motivation: Have you ever wondered what types of houses little animals or insects live in? Do you think they live in big houses like you and I do? They create shelters to live in just like we do except they can be smaller. Do you think it would be fun to live in a house built from tree limbs and grass? (**Bloom: Knowledge**)

Step-by-Step Plan:

- 1.) Ask the class to join you on the reading rug, and read to them Even an Ostrich Needs a Nest. Tell them to notice the materials and how the animal builds the shelter.
- 2.) Explain to the students that although animals may create shelters that look different than the ones they live in they still serve the same purpose, to cover and protect them.
- 3.) What types of materials do you think animals use to make their shelters? Write down the answers they give you on the board.
- 4.) Then show the class the materials you have provided them with on the back table, but explain all the answers were good and could be used but you just didn't have all of those materials.

- 5.) Split the class up into small groups of 2 or 3 and then let them start exploring ways to create a shelter that would serve as protection for the animal. (**Gardner: Inter/Intrapersonal**) (**Gardner: Music/Naturalist**)
- 6.) Bring the class back together and have each group give an explanation as to why they built their shelter the way they did and with their materials.
- 7.) Ask them if the shelter would have been better if they would have used more of one material or whether or not they used the right materials. (**Bloom: Evaluation**)

Closure: Make sure to be careful taking your shelters over to the shelves by the window. We will display all of your wonderful shelters for your parents when they come in for conferences. Now you can go home and look for any shelters that animals have made in your backyard.

Adaptations/Enrichment:

Girl with High Ability: Challenge the girl to write a small description about her shelter that her group made and why that was the best built.

Boy with ADHD-Hyperactivity: Make sure the student is given the opportunity to grab the materials for his group and actively participating in his group.

Self-Reflection:

-Were they given an opportunity to use enough materials that were natural and human-made?