

A Home for American Bald Eagle

Grade Level Range: K-2

Content Areas Addressed: Social studies, Science, Math, Language Arts

Group Size: small group (3-5 students)

Duration: 30-45min, may take 2 class periods

Key Vocabulary: shelter, nest, measuring cups, stir, tablespoon

Materials Needed: microwave, Hersey's butterscotch chips, Peanut butter chips, chow mein noodles, shortening, medium microwave safe bowl, wax paper, refrigerator

Lesson Objective:

As an outcome of this lesson students will:

1. The students will become aware of the importance of shelter as a basic need for a bald eagle by making butterscotch haystacks.

Methods: Making eagle's nests out of butterscotch haystacks is a simulation for how an eagle makes a nest.

Procedures:

The teacher will introduce how shelter is a basic need for all animals and describe how an eagle's shelter is its nest. The teacher will explain the activity and instructions for making an eagle's nest. The students will be divided into groups of three or four. The teacher will pass out the materials for the butterscotch haystacks (materials depend on how many kids are in the group). The students will follow the directions of the recipe listed below under resources (the teacher may have to modify the recipe based on the ability of the students). Once the eagle's nests have cooled the students will write about how their eagle's nest benefits the eagle that could live inside it or write about their experience making an eagle's shelter.

Evaluation Alternatives:

The students can write about their experience making shelter. They can also write an informational piece on how shelter is important for eagles. The teacher can do an informal evaluation on the use of the measuring tools and the student's process of making the nests.

Background: The teacher will need to explain the necessities of life and more specifically the importance of shelter. The teacher can describe how shelter is a variety of homes for animals and that it looks different based on the needs of the animal. The teacher can use the Berry College Eagles page to show the eagles nest on the eagle cam as well as information about the nest.

Resources:

-Berry College Eagles web page: <http://www.berry.edu/eaglecam/>

-Hersey's no-bake butterscotch haystacks recipe <http://www.hersheys.com/reeses/recipes/detail.aspx?id=3035>

Standards Addressed:

-SSKH2- The student will identify important American symbols and explain their meaning. b. the bald eagle

-SKP1. Students will describe objects in terms of the materials they are made of and their physical properties.

S2CS3. Students will use tools and instruments for observing, measuring, and manipulating objects in scientific activities. a. Use ordinary hand tools and instruments to construct, measure, and look at objects.

b. Use senses to classify common materials, such as buttons or swatches of cloth, according to their physical attributes (color, size, shape, weight, texture, buoyancy, flexibility).

S1L1. Students will investigate the characteristics and basic needs of plants and animals. b. Identify the basic needs of an animal. 4. Shelter