

## **HIBERNATION LESSON**

**Lesson By:** Bryan Boggs & Cody Barnhart

**Grade Level:** First

### **Focus:**

This lesson will address different animals and the process of hibernation or migration, and if the animal migrates where the animal goes.

### **Objectives:**

1. Students will be able to understand the process and importance of hibernation in animals.
2. Students will be able to identify which animals hibernate and/or migrate.

### **Standards:**

#### **SC 1.4 2000**

Students ask questions about a variety of living things and everyday events that can be answered through observations. They become aware of plant and animal interaction. They consider things and processes that plants and animals need to stay alive.

#### **SCI 1.3.4 2010**

Describe how animals' habitats, including plants, meet their needs for food, water, shelter and an environment in which they can live.

### **Materials:**

1. Book ***Hibernation*** by: Margret Hall (school/public library)
2. Book ***Why do Birds Fly South*** by: Chris Arventis (school/public library)
3. Animal pictures (provided on another file)
4. Field Guide (provided at Camp Adventure)

### **Procedures: (60-70 Minutes Total)**

#### **Part 1 [30-40 Minutes]**

1. Read the book *Hibernation* to the students. It includes simple text and photographs about animals that hibernate and will help explain where animals hibernate and why.
2. Take a walk around Camp Adventure to discuss where animals would hibernate. While on the walk instructor would point out hole in tree, squirrel nests, deep part of water, directions of north, south, east, and west, asking the students what type of animals would go to that place to hibernate in.

#### **Part 2 [30-40 Minutes]**

1. Next read the book *Why Do Birds Fly South?* This book explains what migration means, why/where bird's fly to during winter. The students will learn in this book that birds fly south and to warmer places.
2. There are several bird nests in the science room that the students can observe. Also, if time permits, students can walk around Camp Adventure and look and identify birds. There are numerous bird field guides that the students can use to help them.

**Evaluation:**

1. Students will be tested by matching the animal to the place it hibernates or migrates using the pictures provided. This can be done individually or in groups.  
(Note: In the file provided, the habitat picture always comes after the animal picture that it applies to)
2. If time permits, the students can play a matching game with the pictures. All the pictures are placed face down and a pair is chosen. If that pair is correct it stays face-up. If incorrect both pictures are put face-down until a correct match is found. This is done until all the pictures are face-up.