

**Under and Over the Snow**  
**Season: Winter Grades: 1-3 & 4-5 Length: 1- 1 ½ hours**

How do animals adapt to Vermont's long cold winter? Through outdoor activities, students examine the survival strategies of animals in winter and learn basic track identification skills. They examine prints and track patterns, learn to move like the mammals do, and practice their tracking skills in the woods nearby. *BIG IDEAS: Structure and Function; and Place*

**Next Generation Science Standards Addressed:**

**First Grade**

1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow and meet their needs.

**Second Grade**

2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

**Third Grade**

3-LS3-2. Use evidence to support the explanation that traits can be influenced by the environment.

**Fourth Grade**

4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior and reproduction.

4-LS1-2. Use a model to describe that animals receive different types of information through their senses, process the information in their brain and respond to the information in different ways.

**Fifth Grade**

5-PS3-1. Use models to describe that energy in animal's food was once energy from the sun.

