

## From Fibers to Felt Grade Levels: K-1 & 2-4

Students explore the fibers of sheep, alpaca and rabbit while learning what is required to raise and care for these animals. They discover the importance of each animals' unique nutrition and behavior as they feed the alpaca, provide healthy pasture for the sheep, and tend to the rabbits' hair. After interacting with the animals, students process sheep fleece into a product to take home!

Next Generation Science Standards Addressed:

Kindergarten

K-LS1-1. Use observations to describe patterns of what plants and animals (including humans) need to survive.

K-ESS3-1. Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

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-PS1-2. Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.

2-PS1-3. Make observation to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.

Third Grade

3-LS1-1. Develop models to describe that organisms have unique and diverse life cycles, but all have a common birth, growth, reproduction and death.

3-LS2-1. Construct an argument that some animals form groups that help members survive.

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

Fourth Grade

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