

Made From Animals

Skills: Science

Objective: The student will learn to match animals with the products they produce.

Background

We get much more than food from animals on the farm. Leather from the hide of a cow is used to make shoes, belts and baseball gloves. The cow's bones and horns are used to make buttons, piano keys and violin strings. Gelatin used to make marshmallows, ice cream and other desserts also comes from the cow's bones and horns. Even chewing gum is made from a part of the cow's stomach.

The bristly hair of a pig makes a great hairbrush. From the pig's hide we get a soft leather that is good for making gloves and some shoes. The heart valves from pigs are used for transplanting into the hearts of humans with heart trouble, and the skin of hogs is sometimes used to replace the skin of people who have been badly burned.

Most mattresses and pillows these days are stuffed with foam made from petroleum products, but some people think the best pillows are still made from goose feathers. Goose down is used to make comforters and coats that are the warmest you can get.

Rabbit furs make nice collars, earmuffs and even jackets and coats. Wool is one of the two main products we get from sheep. Wool is made from the sheep's fleece. The fleece is like the sheep's hair. Sheep farmers shear, or cut, the sheep's fleece once a year, just like you get a haircut. The fleece is then spun into wool yarn and woven or knitted into sweaters, caps, coats, carpets and blankets. Lanolin is a natural oil produced by the wool of a lamb. It has a smooth and silky feel and is used for making soaps and lotions.

Science

1. Bring a variety of articles made from animals.
—Show them to students one at a time and ask students to name the animal from which they were produced.
2. Lead a discussion on animal products, using the background information above.
3. Hand out Student Worksheet A.
—Discuss the animals and then the products pictured below them.
—Instruct students to mentally match each animal's picture to the product it produces.

Materials

articles made from animals—leather belt, bag or shoe; wool scarf, sweater or mittens; down pillow; boar bristle brush

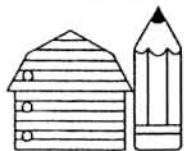
(materials listed below are optional)

feathers and down from poultry animals

fleece from sheep, alpaca or llama

rawhide

wool yarn



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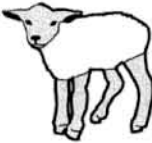


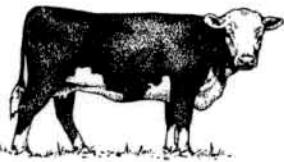

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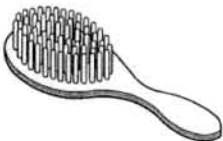

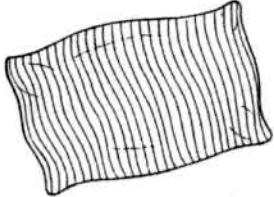
Name _____

Made From Animals

A

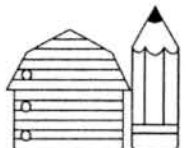
Color the pictures. Cut out the animal products. Glue the product next to the animal from which it was made.

 rabbit		 lamb	
 pig		 chicken	
 beef cattle		 goose	

 wool sweater	 egg	 baseball mitt
 hairbrush	 earmuffs	 feather pillow



Produced by Oklahoma Cooperative Extension Service, Division of Agricultural Sciences and Natural Resources. OSU, in cooperation with the Oklahoma Department of Agriculture, Food and Forestry and the Oklahoma State Department of Education, 2006

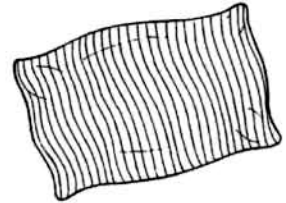
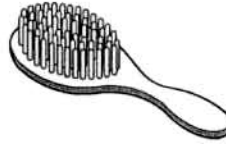


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Name _____

Made From Animals

B

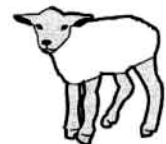
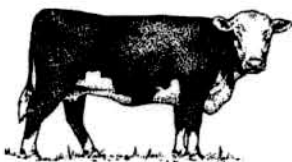


Use the vocabulary words to fill in the blanks.

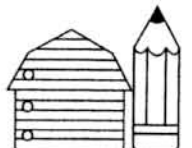
1. My grandmother knitted my sweater from a sheep's _____.
2. My favorite hairbrush is made from the bristle of a _____.
3. We ate _____ from a pig for breakfast.
4. My brother's baseball _____ is made from the hide of a beef steer.
5. Our hamburgers come from _____ cattle, too.
6. My brothers were throwing pillows, and there were _____ feathers everywhere.
7. The chicken laid an _____, and I ate it.

Vocabulary

pig
chicken
goose
wool
egg
mitt
feather
beef
bacon



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