

**Pennsylvania Academic Standards for Environment and Ecology
3rd Grade Standards**

***Exploring Farm Animals
4-H Project***

Lesson/Activity Title	Pennsylvania Standard
Piglets, Lambs and Kids	4.2.4.A Identify needs of people
	4.2.4.B Identify products derived from natural resources
Pancakes and Pork Chops	4.2.4.B Identify products derived from natural resources
	4.2.4.D Identify by-products and their use of natural resources
	4.3.4.A Know that plants, animals and humans are dependent on air and water
	4.4.4.A Know the importance of agriculture to humans
	4.4.4B Identify the role of the sciences in Pennsylvania agriculture.
	4.4.4C Know that food and fiber originate from plants and animals
	4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival
	4.7.4.A Identify differences in living things
	4.7.4B Know that adaptations are important for survival
Product Scavenger Hunt	4.2.4.B Identify products derived from Natural resources
	4.2.4.D Identify by-products and their use of natural resources
	4.4.4B Identify the role of the sciences in Pennsylvania agriculture.
	4.3.4.C Understand that the elements of natural systems are interdependent
	4.4.4.A Know the importance of agriculture to humans.

	<p>4.4.4B Identify the role of the sciences in Pennsylvania agriculture</p>
	<p>4.4.4C Know that food and fiber originate from plants and animals</p>
	<p>4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival</p>
Create a Critter	<p>4.1.4.C Identify living things found in water environments</p>
	<p>4.1.4.D Identify a wetland and the plants and animals found there</p>
	<p>4.1.4.E Recognize the impact of watersheds and wetlands on animals and plants</p>
	<p>4.2.4.A Identify needs of people</p>
	<p>4.2.4.B Identify products derived from Natural resources</p>
	<p>4.3.4.C Understand that the elements of natural systems are interdependent</p>
	<p>4.4.4.B Identify the role of the sciences in Pennsylvania agriculture</p>
	<p>4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival.</p>
	<p>4.7.4.A Identify differences in living things</p>
	<p>4.7.4.B Know that adaptations are important for survival.</p>
Farm Bingo	<p>4.2.4.A Identify needs of people</p>
	<p>4.2.4.B Identify products derived from Natural resources</p>
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	<p>4.4.4.B Identify the role of the sciences in Pennsylvania agriculture</p>
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	<p>4.4.4C Know that food and fiber originate from plants and</p>

	animals.
It's Alive	4.3.4.A Know that plants, animals and humans are dependent on air and water.
	4.3.4.C Understand that the elements of natural systems are interdependent
	4.4.4.B Identify the role of the sciences in Pennsylvania agriculture
	4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival.
	4.7.4.A Identify differences in living things
	4.7.4.B Know that adaptations are important for survival.
Livestock Café	4.3.4.A Know that plants, animals and humans are dependent on air and water.
	4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival.
	4.7.4.A Identify differences in living things
	4.7.4.B Know that adaptations are important for survival.
Animal Skillathon Fun	4.3.4.C Understand that the elements of natural systems are interdependent
	4.4.4.A Know the importance of agriculture to humans.
	4.4.4.B Identify the role of the sciences in Pennsylvania agriculture
	4.4.4.C Know that food and fiber originate from plants and animals.
	4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival.
	4.7.4.A Identify differences in living things
	4.7.4.B Know that adaptations are important for survival.
Working with Animals	4.2.4.A Identify needs of people

	4.2.4.B Identify products derived from Natural resources
	4.3.4.C Understand that the elements of natural systems are interdependent
	4.4.4.A Know the importance of agriculture to humans.
	4.4.4.B Identify the role of the sciences in Pennsylvania agriculture
	4.4.4.C Know that food and fiber originate from plants and animals
	4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival.
	4.7.4.A Identify differences in living things
	4.7.4.B Know that adaptations are important for survival
Body Parts	4.4.4.B Identify the role of the sciences in Pennsylvania agriculture
	4.7.4.B Know that adaptations are important for survival
Safety is Serious Stuff	4.2.4.A Identify needs of people
	4.4.4.A Know the importance of agriculture to humans
	4.4.4B Identify the role of the sciences in Pennsylvania agriculture
	4.4.4C Know that food and fiber originate from plants and animals
	4.6.4.A Understand that living things are dependent on nonliving things in the environment for survival
	4.7.4.A Identify differences in living things
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