

The Big World of Animal Agriculture Careers



America's food supply is safe, affordable and abundant but also vastly misunderstood by the consuming public. It is the intention of Kansas Farm Bureau to improve the public's knowledge about the importance farming and ranching plays in our quality of life.

BACKGROUND INFORMATION:

Animal Agriculture

Animal agriculture is essential to preserving our nation's security and vitality. America's farmers and ranchers produce the safest and most affordable food in the world while maintaining high standards of animal well-being. (Animal Agriculture Alliance, www.animalagalliance.org)

Livestock and poultry are the two main categories that fall under animal agriculture, however there are exceptions to every rule. Fish, and many other species also can count as agriculture, though in our area they are less common.

Animals are used in many different products that make up the various areas in our life. Some examples include food, clothing, medical products, and recreation. Animals can be produced directly to fulfill these needs such as food, but also by-products from the animals are produced indirectly.

Farmers and ranchers take great care and pride in producing quality and healthy animals. It is important to acknowledge the hard work these individuals have done to produce quality products for the world to enjoy.

Careers in Animal Agriculture

In addition to producing valuable products, animal agriculture also provides millions of career opportunities. There are various careers in the different areas of animal agriculture.

Animal production provides jobs for individuals who want to work directly with raising the animals. Providing animal care, producing animal feed, and transporting animals are all jobs provided by this stage in animal agriculture.

Animal processing provides many jobs as well. There are many steps that have to be taken to processing an animal to create a food product.

Animal agribusiness involves many different careers. Marketing, sales, and service are all included in this type of animal agriculture. Some specific jobs in this area include, a food service worker, food salesperson, and a grocery store owner.

LEVEL: Grade K– 3

SUBJECTS/STANDARDS:

Science K – 2

Standard 6: Science in Personal and Environmental Perspectives

Benchmark 1: *The student will demonstrate responsibility for their own health.*

Standard 3: Life Science
Benchmark 1: *The student will develop an understand of the characteristics of living things.*

STUDENT LEARNING OUTCOMES:

The students will:

- Match careers with the livestock species that supplies the job opportunity.

ESTIMATED TEACHING TIME:
40 minutes

ACTIVITIES:

Animal Agriculture Career Cards

Before you begin this activity be sure to have taped the livestock cards to the wall, or board. Have them spaced out enough that the students will have room to work around each of them.

Without telling the students much about the topic of animal agriculture, hand out the Animal Ag Career Cards. Try to divide the cards so every student has an equal number when you are finished handing them out.

The students will be given time to tape their career cards underneath the livestock cards they believe it correlates with. The point of this part of the activity is to get the students thinking about what animals are responsible for various careers. Once the cards have been taped to the wall or board, have all the students return to their seats.

Assign random students to read the career cards taped under one species of animal. As the student completes each career discuss it briefly as a group. If there are any mistakes simply remove the card. After all the careers have been read aloud, the mistake cards can be placed under the correct species by having the students vote

MATERIALS NEEDED:

- Livestock Cards
- Animal Ag Career Cards
- Tape

PREPARE AHEAD:

Have all the cards printed and cut before class.

RESOURCES:

Photos from Google Images



The cards are numbered so you can do a quick check. The answers are as follows:

Beef Cow: 5, 10, 11, 12, 13, 18

Pig: 4, 8, 11, 12, 16, 19

Poultry: 3, 7, 11, 12, 15, 16, 19

Sheep: 1, 9, 11, 12, 14, 19

Dairy Cow: 2, 6, 11, 12, 13, 17

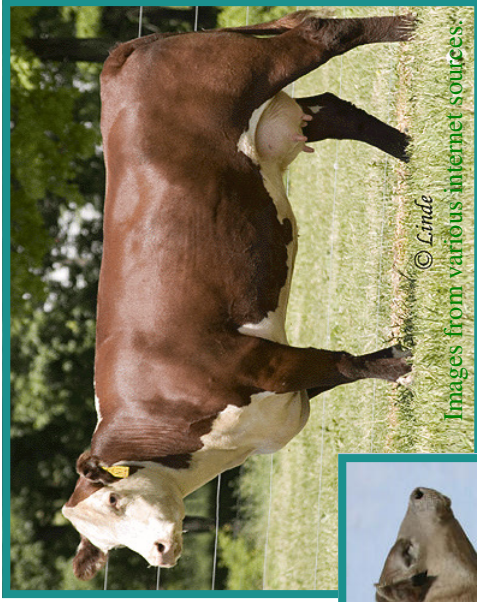
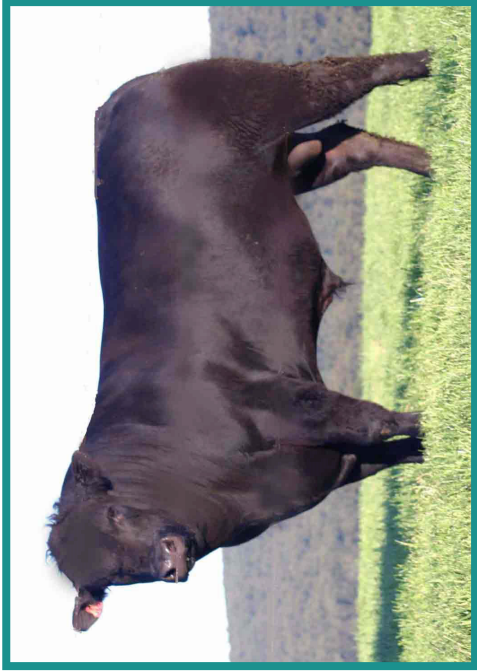
As you can see some cards share a number as they can be used for more than one species.





In the World of...

Beef Cattle



Images from various internet sources.
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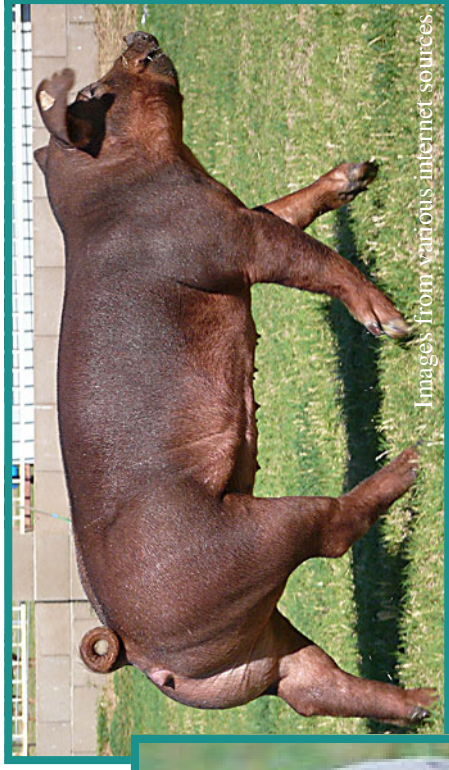


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In the World of...

Pigs



Images from various internet sources.



In the World of...

Poultry



Images from various internet sources.

In the World of...

Sheep



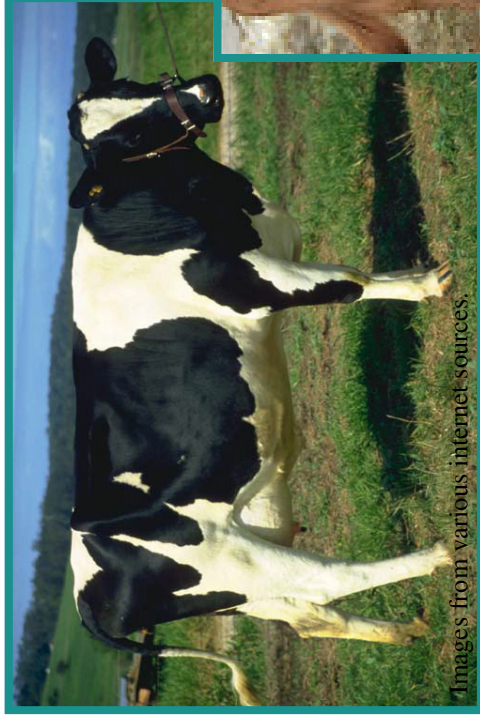
Images from various internet sources.





In the World of...

Dairy Cattle



<p>Job Title: Farmer Duties Include</p> <ul style="list-style-type: none"> • Feeding • Watering • Health Care • Providing Shelter • Shearing Wool <p>1</p>	<p>Job Title: Farmer Duties Include</p> <ul style="list-style-type: none"> • Feeding • Watering • Health Care • Providing Shelter • Milking <p>2</p>
<p>Job Title: Farmer Duties Include</p> <ul style="list-style-type: none"> • Feeding • Watering • Health Care • Providing Shelter • Gathering Eggs <p>3</p>	<p>Job Title: Farmer Duties Include</p> <ul style="list-style-type: none"> • Feeding • Watering • Health Care • Providing Shelter • Birthing Piglets (Farrowing) <p>4</p>
<p>Job Title: Farmer Duties Include</p> <ul style="list-style-type: none"> • Feeding • Watering • Health Care • Providing Shelter • Hauling Calves to Pasture <p>5</p>	<p>Job Title: Truck Driver Duties Include</p> <ul style="list-style-type: none"> • Driving Safely • Being on Time • Hauling Cheddar Cheese <p>6</p>
<p>Job Title: Truck Driver Duties Include</p> <ul style="list-style-type: none"> • Driving Safely • Being on Time • Hauling Eggs <p>7</p>	<p>Job Title: Truck Driver Duties Include</p> <ul style="list-style-type: none"> • Driving Safely • Being on Time • Hauling Bacon <p>8</p>

Job Title: **Truck Driver**

Duties Include

- Driving Safely
- Being on Time
- Hauling Wool Socks

9

Job Title: **Truck Driver**

Duties Include

- Driving Safely
- Being on Time
- Hauling Leather Boots

10

Job Title: **Loan Officer**

Duties Include

- Gives money to farmers to help pay for more animals or supplies

11

Job Title: **Loan Officer**

Duties Include

- Gives money to farmers to help pay for more animals or supplies

11

Job Title: **Loan Officer**

Duties Include

- Gives money to farmers to help pay for more animals or supplies

11

Job Title: **Loan Officer**

Duties Include

- Gives money to farmers to help pay for more animals or supplies

11

Job Title: **Loan Officer**

Duties Include

- Gives money to farmers to help pay for more animals or supplies

11

Job Title: **Chef**

Duties Include

- Uses a variety of foods including meat to create delicious meals.

12

Job Title: **Chef**

Duties Include

- Uses a variety of foods including meat to create delicious meals.

12

Job Title: **Chef**

Duties Include

- Uses a variety of foods including meat to create delicious meals.

12

Job Title: **Chef**

Duties Include

- Uses a variety of foods including meat to create delicious meals.

12

Job Title: **Chef**

Duties Include

- Uses a variety of foods including meat to create delicious meals.

12

Job Title: **Horse Trainer**

Duties Include

- **Trains horses to handle cattle in pastures.**

13

Job Title: **Horse Trainer**

Duties Include

- **Trains horses to handle cattle in pastures.**

13

Job Title:

Clothing Salesman

Duties Include

- Encourages people to purchase clothing made from wool.

14

Job Title:

Pillow Factory Worker

Duties Include

- Works to produce pillows with feathers or down inside.

15

Job Title: **Server**

Duties Include

- Serves customers breakfast food including eggs, bacon, ham, and sausage.

16

Job Title: **Server**

Duties Include

- Serves customers breakfast food including eggs, bacon, ham, and sausage.

16

Job Title: **Ice Cream Parlor Owner**

Duties Include

- Managing Money
- Serving Customers
- Making Ice Cream

17

Job Title: **Feedlot Worker**

Duties Include

- Feeding
- Watering
- Cleaning Pens

18

Job Title: **Meat Inspector**

Duties Include

- **Checks lamb products to be sure they are safe for humans to eat.**

19

Job Title: **Meat Inspector**

Duties Include

- Checks chicken products to be sure they are safe for humans to eat.

19

Job Title: **Meat Inspector**

Duties Include

- Checks pork products to be sure they are safe for humans to eat.

31

Job Title: **Meat Inspector**

Duties Include

- Checks beef products to be sure they are safe for humans to eat.

32