## Animal Characteristics

### Farm animals live in herds to help them survive.

## Animal Characteristics

### Wild animals and domesticated animals are not the same.

## Animal Characteristics

### Farm animals do not live in herds like wild animals.

#### Animal Health

Veterinarians give antibiotics and vaccines to farm animals when they are sick or susceptible to disease.

# Animal Health

Animals raised on farms in the United States are the same as animals raised on farms around the world.

# Animal Health

### Cows raised for beef and cows raised to be milked are different breeds.

# Animal Housing

Modern barns are designed specifically for the type of animals, equipment, or farm products they house.

# Animal Housing

Many farmers raise chickens inside barns to prevent predators from harming their birds.

# Animal Housing

### Robots are not used by farmers for raising animals.

#### Plant Growth

Farms do not care for their plants by using computers to monitor amounts of rain, sunlight, and nutrients the plants are receiving.

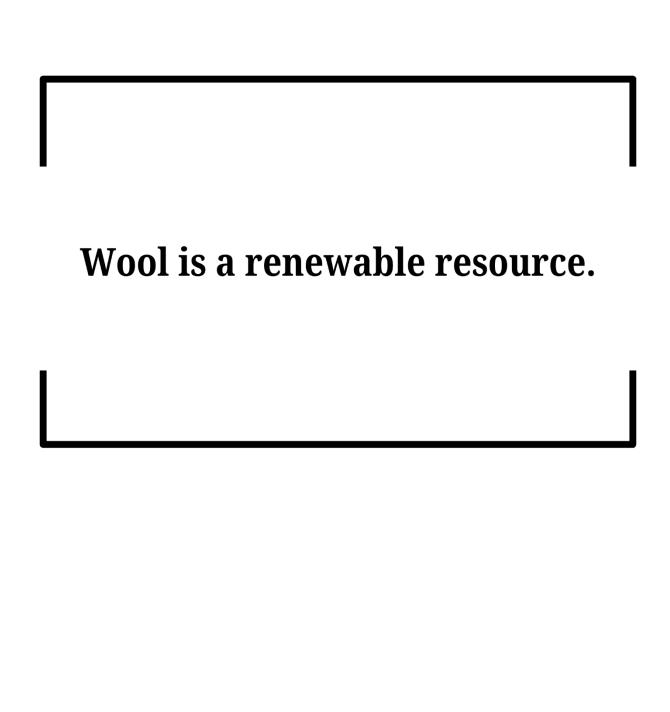
#### Plant Growth

If an insect pest is found in a farmer's crop, sometimes beneficial bugs like lady bugs can be used in place of an insect spray. If a spray is used, farmers must follow specific rules and measurements to use only enough chemical to kill or deter the pest.

#### Plant Growth

If the environment is not providing enough nutrients, a farmer calculates the specific amounts of nutrients needed for best growth before giving plants fertilizer.

# Energy and Renewable Resources



# Energy and Renewable Resources

### Petroleum and coal are renewable resources.

# Energy and Renewable Resources

### Ethanol is a fuel made from corn and is a renewable resource.

### Economy

Most of the United States' agricultural exports are sold to businesses in China, Mexico, and Canada.

### Economy

The top three processed agricultural items exported from the United States are grains, meat, (beef, pork, & poultry) and fruits.

### Economy

The top three processed agricultural items imported from the United States are fresh or processed fruits, fresh or processed vegetables, and meat.

#### Nutrition

# Farmers do not raise foods to fit in every food group of the MyPlate diagram.

#### Nutrition

Foods labeled as organic are just as nutritious as the same food without an organic label.

#### Nutrition

Washing fruits and vegetables before you eat them is one way to be safe and healthy.

#### Weather

# The climate of a region does not affect the types of plants and animals that can grow and live there.

#### Weather

#### For farmers, a drought is as bad as a flood.

#### Weather

Farmers can make plans to till the soil, plant seeds, or harvest a crop, but a change in the weather can change these plans.

#### Careers

Agriculture and its related industries provide 10.4 % of U.S. employment. (22.1 million jobs)

#### Careers

There are many opportunities to work in agriculture, food, and natural resources after high school. Some jobs require a certificate or apprenticeship, some require an associate's, bachelor's or graduate degree.

#### Careers

#### Being a farmer is the only job opportunity in agriculture.

### History

Farms use the same equipment used 50 years ago to work with plants and animals.

## History

## Presidents George Washington and Thomas Jefferson were agricultural inventors.

## History

Many plants and animals raised on farms in North America today were originally brought here by settlers from other continents.