

# INVESTIGATING CAREER CLUSTERS



## Agribusiness and Natural Resources

### *What Is the Agribusiness and Natural Resources Cluster?*

Occupations in this cluster area involve supplying consumers with raw materials for food, shelter, and clothing. Jobs center around agriculture, land and water management, mining, petroleum production, and agriculture support services.

### *Skills Needed*

technical communication skills, math skills, safety skills, basic lab skills, information skills

THE FACTS	Types of Careers in This Cluster	Work Description	Career Outlook	Education
	<b>Quality-control technician</b>	Supervise the production of agricultural products	Good	High-school diploma, On-the-job training
	<b>Farm operator</b>	Manage the planting, harvesting, and storing of crops; tend livestock and poultry	Slower than average	High-school diploma, On-the-job training, Bachelor's degree
	<b>Forester</b>	Manage forested lands for a variety of purposes	Average	Bachelor's degree, Ph.D.
	<b>Petroleum engineer</b>	Explore for and monitor recovery of oil or natural gas	Slower than average	Bachelor's degree
	<b>Agricultural scientist</b>	Study farm crops and animals and develop ways of improving their quantity and quality	Good	Bachelor's degree, Ph.D.
	<b>Mining engineer</b>	Find, extract, and prepare metals and minerals for use by manufacturing industries	Slower than average	Bachelor's degree

## ACTIVITY

Your goal: Design a flag to represent the agribusiness and natural resources career cluster.

What to think about: Flags are generally used as symbols for nations or groups. A symbol is something that suggests or stands for something else. Think about all of the careers in this cluster. If you wanted to represent these careers on a flag, what kind of symbols would you use?

What to do: Create a flag that symbolizes the career cluster of agribusiness and natural resources. You may simply describe the flag in a paragraph. You may want to draw or paint the flag or create one using a computer program. Flags are usually in the shape of a rectangle, but they could be other shapes as well.

Consider the following:

- What colors would the flag have?
- What size and shape would the flag be?
- What symbols or pictures would be on the flag?

Write a motto or saying that would be on the flag: \_\_\_\_\_

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Draw your flag on a separate sheet of paper.

## CRITICAL THINKING

1. What do you think of the jobs in this cluster? Do you think you might like to work in one of them? If so, which one?

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2. How do the people who work in this cluster help you, your family, and your community? Explain in one paragraph.

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