

INVESTIGATING CAREER CLUSTERS



Marine Science

What Is the Marine Science Cluster?

Occupations in this cluster involve discovering, developing, improving, and harvesting marine life. Jobs are in areas such as research, fishing and aquaculture, and marine engineering and technology.

Skills Needed

science skills, math skills, communication skills, interpersonal skills, and physical stamina

THE FACTS	Types of Careers in This Cluster	Work Description	Career Outlook	Education
	Oceanographer	Study the ocean bottom, currents, and chemical composition of the ocean	Good	Ph.D.
	Aquatic biologist	Study the aquatic plants and animals and the conditions that affect them	Good	Master's degree or Ph.D.
	Fish farmer	Raise fish and shellfish in stock ponds	Good	On-the-job training program
	Marine engineer	Design and oversee the construction of marine systems	Good	Bachelor's degree
	Marine architect	Design and oversee the building and repair of marine craft	Good	Bachelor's degree
	Scuba diver	Dive to locate and recover wreckage below the water	Good	Voc-Tech diploma, scuba certification

ACTIVITY

Your goal: Write a letter to your family from a fishing boat on which you are working.

What to think about: In some jobs, the workers have to be gone from their homes for long periods of time. How would you like that?

What to do: Imagine that you are on a commercial fishing boat on a two-month trip. After 20 days, you write a letter home to your family. Use your imagination. Give as much detail as you can about the trip, kinds of fish you are catching, and how you feel after being at sea for 20 days.

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?

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