TAKE THE CAREER IDEAS Challenge

Name / Class / Date

Marine Biologist

Biology is the study of life. Biologists focus on certain types of life forms. Zoologists study animals. Botantists study plants. Marine biologists explore sea life.
Experts say that as many as one million species live in the world's oceans. Some estimate that hundreds of thousands of species are yet to be named and described. This leaves plenty of exploring for future marine biologists to do!

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(Feel free to use the back of this sheet for longer answers)

Dolphins, Turtles, Sharks and More

Marine biologists study anything and everything that lives in the sea. This includes creatures big and small--from algae and seaweed to whales and great coral reefs. Marine biologists observe sea life in its natural habitat. They look at how things like climate change and pollution impact the ocean and its inhabitants. They investigate ways to save endangered species. Some of their work takes place at sea. Much of their work takes place on land in laboratories. This is where marine biologists conduct research, study specimens, and write reports.

Exploring the world's oceans requires a love of science and advanced training. Marine biology is a competitive field. Advanced math and computer skills give aspiring marine biologists an edge.

CHALLENGE #1: *If you had this career...*

What kind of training would you need?

Where could you find a job?

How much money could you earn?

Who would you help and how would you make a difference?

Why would (or wouldn't) you like doing a job like this?

CHALLENGE #2: *Think Tank*

What types of marine species are in danger of becoming extinct? Pick a specific species of interest to you. Use the Internet and library resources to learn more about your chosen species.

Design a poster to create awareness about the problem and suggest ways to solve it. Important questions to explore include:

- Why is the species is endangered?
- Are human behaviors contributing to the problem?
- How would the absence of this species upset the ecosystem or affect other species?