

Marine Biologist Teacher Tips

A variety of STEM-related careers.



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DISCUSS

Dive into a discussion about the ocean. Ask students to about any encounters they've had taking beach trips or visiting aquariums. Transition the discussion into sea-faring careers.

READ

Students can read about marine biologists out loud as a class or silently on their own.

CHALLENGE #1: If You Had This Career...

Several queries prompt students to get up close and personal with essential information about this career option. As they work through each question, remind students to relate this information to their own attributes, interests, and aspirations. Online research tools include:

- Using Google (or another approved Internet search engine) to make specific queries like “what kind of training does a marine biologist need” or “where do marine biologists work .”
- Visiting career information websites like www.getmyfuture.org or www.mynextmove.org. Both of these websites are sponsored by the U.S. Department of Labor.
- If available, tapping into your school’s career development software platform (such as Career Cruising) or your state’s career and college information system (such as www.CFNC.org).

CHALLENGE #2: FZ | FS]

Succeeding in almost any career requires acquiring expert level knowledge about it. Marine biologists tend to specialize in very specific types of marine life. This Think Tank activity challenges students to become "experts" about a type of sea life of interest to them. Most aspiring marine biologists gravitate toward marine mammology. That is the study of **cetaceans** (families of whales and dolphins) and **pinnipeds** (seals, sea lions, and walrus). These subjects are, of course, fair game. Topics related to plant life, microorganisms, and other life forms are also acceptable. If there is time, divide the class into groups and allow students to present their findings to the class as if they were educating young students at an aquarium.

EXTEND THE DISCUSSION

Use this career option as a way to open up discussion about other careers related to issues threatening the world's oceans and ideas for protecting these essential natural resources.

EXPLORE MORE STEAM CAREERS

Bright Futures Press features two STEAM-focused career exploration series in its middle grade collection. Go online to www.brightfuturespress.com to find out more about the **Find Your Future in STEAM** and **Emerging Tech Careers** series.