

Potato



Water

Careers with Water: Oceanography

Classroom Activity

Activity Objective:

To help students learn about exciting careers with water and the environment, and introduce them to careers in oceanography.

Materials Needed:

- Access to the video: https://youtu.be/gJGS60c68HU?si=Wab6fSgUeitB_rcl
- Writing Materials and/or a device for recording notes

1. Ask students what they know about oceanographers. What do they do?
Explain to them that:

Oceanographers explore the deep sea with underwater vehicles, cameras and high tech equipment.

2. Ask them to imagine what a day in the life of an oceanographer might look like before you segue to playing the video.



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3. Cue up the video to play with an introduction:

Now, we're going to watch and reflect on a video to learn more about a career in oceanography. Katy Croff Bell tells us more about her job studying the depths of the ocean in National Geographic Kids' Best Job Ever series. Let's watch!

Press play on the video:

https://youtu.be/gJGS60c68HU?si=Wab6fSgUeitB_rcl

4. Lead a Discussion or Split students into groups to answer these Questions:

- The video mentioned the vital role that oceans play in regulating the Earth's climate and how important it is to understand and protect them. As future oceanographers, what do you think are some of the most pressing issues facing our oceans today, and what potential solutions do you see?
- The video highlighted some of the exciting and diverse career opportunities available in oceanography, from marine biology to ocean engineering and robotics. What are some specific careers that caught your interest, and what skills and educational backgrounds are necessary to pursue them?
- The video discussed the use of technology, such as autonomous underwater vehicles and satellite imagery, to explore and study the oceans. What are some of the advantages and challenges of using these technologies, and how do they complement more traditional methods of oceanography?
- The video touched on the importance of international collaboration and cooperation in ocean science and policy. How do you think international partnerships can benefit the field of oceanography, and what are some challenges that must be overcome to achieve effective collaboration?
- The video provided a glimpse into the daily life of an oceanographer and some of the unique experiences and challenges that come with working in this field. Based on what you saw, what are some of the qualities and skills that are most important for success as an oceanographer?

