

VIRTUAL CAREER DAY:

Seismologist



TALKING POINTS

As you conclude the talking points, collect checkmarks to check off each item on the list. Use copy (ctrl+C) and paste (ctrl+V) to place them in the correct box.

1. ☐ Earthquakes 101
2. ☐ Seismologists
3. ☐ Advances in Seismology
4. ☐ Maggi Glasscoe and Being
5. ☐ Brian Baptie and Earthqu
6. ☐ Lucy Jones and Earthqu
7. ☐ Katie Keranen and Huma
8. ☐ Preparing to Be a Seism
9. ☐ Earthquake Safety

Middle Grades



Integrates Reading

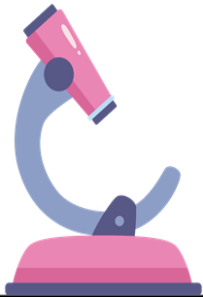
WHAT IS A SEISMOLOGIST?

seismologist *noun*

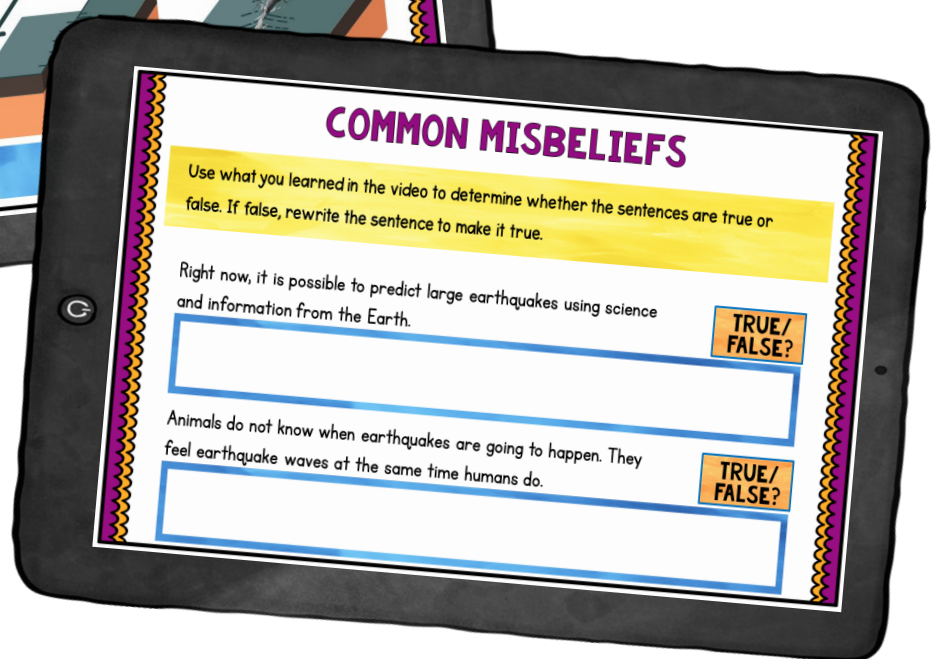
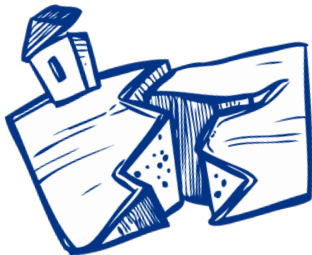
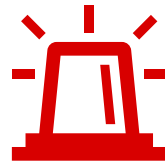
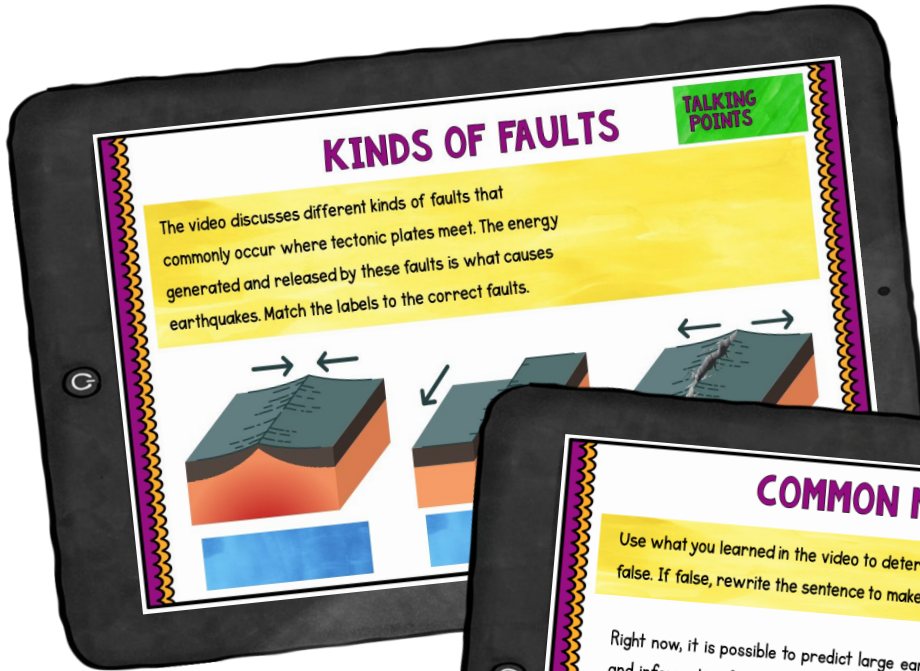
someone who studies seismology (see *seismology*) and oftentimes specializes in geophysics

seismology *noun*

the science or study of earthquakes and their phenomena, as well as artificially produced vibrations of the Earth



Interactive Movable Pieces



Engaging & Educational Media

EARTHQUAKE MONITORING

TALKING
POINTS

How does Brian Baptie's team conduct earthquake monitoring? Use information from this video (and others, if desired) to explain how and why earthquake monitoring is important.



Critical Thinking

TALKING
POINTS

EARTHQUAKE QUIZ

Why do the Mid-Atlantic Ridge, the Alpine Belt, and the Circum-Pacific Belt experience most of the earthquakes in the world?

What scale do many scientists use to record earthquakes, and why?

In what ways do some communities practice earthquake safety and try to prevent disaster?

What parts of the Earth form the "lithosphere?"

In which three directions do tectonic plates move?

What did scientists discover caused the Alaska earthquake (that had never been studied before)?

What occurred as a result of the Great Alaska Earthquake?

Writing

PREPARING TO BE A SEISMOLOGIST

TALKING
POINTS

There are some classes that can be taken in middle school and high school that may help you decide if seismology is something you want to pursue. Click [here](#) to learn how some people choose to prepare for the field of seismology.

Would you like to be a seismologist, or is seismology something that you would like to learn more about? Why, or why not?

