

Click on the [blue words](#) to be brought to the lesson activities.

Background Info – Read FIRST!

Natural hazards like **earthquakes, tsunamis, and volcanoes** impact organisms (including humans) and the environment. These types of natural hazards are caused by **plate tectonics** and can change the shape of land. Do not get confused – earthquakes, tsunamis, and volcanoes are **NOT** caused by weather or by erosion.

What you will learn this week:

- Earthquakes, tsunamis and volcanoes are a result of natural processes.
- Earthquakes and volcanoes occur in patterns on Earth's surface.
- They are mainly found along the boundaries between oceans and continents.
- Humans cannot eliminate these hazards, but we can take steps to reduce their impact.

Monday

1. Before watching the video, tell someone at home the answers to these questions:

- What happens when a volcano erupts?
- What is a hazard?
- What is the job of an engineer as it relates to natural disasters?
- What is one way to describe a tsunami?



2. Watch the [video](#) about Natural Disasters on Generation Genius.

Note – You will submit answers to questions about the video on Wednesday.

Tuesday

1. [Read](#) about Natural Disasters. You can click on the speaker button to have the text read aloud to you.
2. Play the [online quiz](#) to see what you have learned about Natural Disasters.

Note – You will submit answers to questions about the reading on Wednesday.

Wednesday

Assignment: Answer these discussion questions on [Flipgrid](#) OR on **Unified Classroom**. You will need to watch the video from Monday and Read about Natural Disasters from Tuesday to answer today's questions.

- Where do both earthquakes and volcanoes form on Earth?
- What are humans doing to reduce the impact of natural disasters?
- Can you think of one thing engineers must take into consideration when designing buildings in areas with a lot of earthquakes?
- Why would an engineer choose not to use concrete when designing an earthquake proof building?

Thursday

Learn about Tectonic Plates, Earthquakes and Tsunamis on DKFindOut!

Read at least 3 of these pages and look at the diagrams.

[Tectonic Plates](#)
[How Plates Move](#)

[Earthquakes](#)
[Where do Earthquakes Happen?](#)

[What Causes an Earthquake?](#)
[Tsunami](#)

Assignment: Summarize the new things you learned about **Tectonic Plates, Earthquakes or Tsunamis** on **DKFindOut!** on [Flipgrid](#) OR on **Unified Classroom**. A summary is a short paragraph of 3-5 sentences.

Friday

Make up any work you did not complete earlier this week.

