



AUDIO

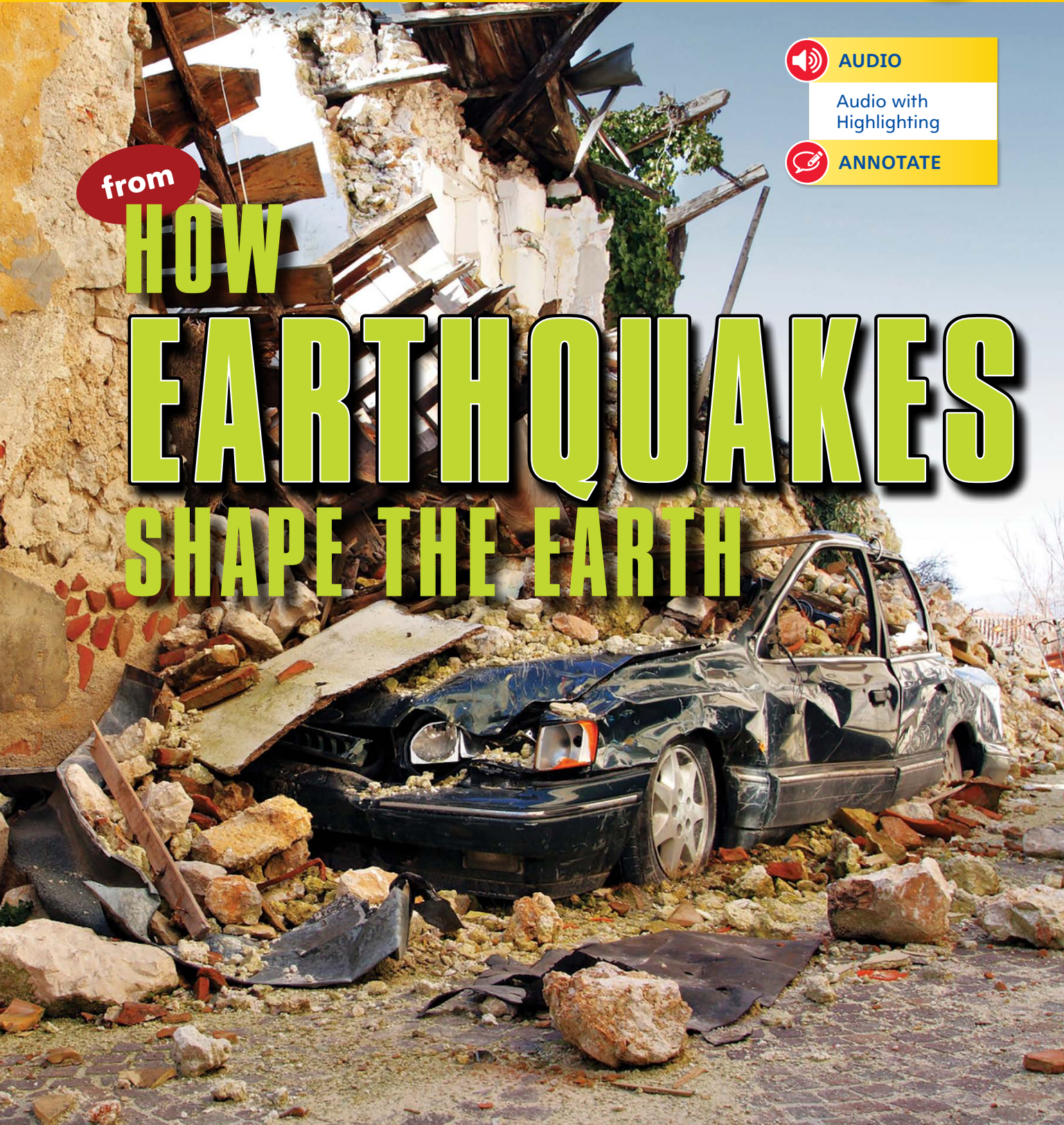
Audio with
Highlighting



ANNOTATE

from

HOW EARTHQUAKES SHAPE THE EARTH



by Aaron Carr and Megan Cuthbert



Compare and Contrast Texts

Underline the sentence that tells how long it takes for an earthquake to change the Earth. Compare that to what paragraph 1 in *How Water Shapes the Earth* says about how long it usually takes water to change the Earth.

HOW DO EARTHQUAKES SHAPE THE EARTH?


- 1 The Earth is always changing. Some changes happen very quickly. Many of the most Earth-shattering changes are made by earthquakes.





Compare and Contrast Texts

Underline the main way earthquakes can shape Earth. Now look back at paragraph 5 in *How Water Shapes the Earth*. Compare and contrast ways glaciers and earthquakes shape the Earth.

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- 2 Earthquakes can break apart the ground. People can feel the ground moving underneath them. This can be very scary.



Create New Understandings

Highlight two details that together help you understand what can happen when the ground shakes during an earthquake.

amount a quantity or number of something

damage harm

WHAT HAPPENS DURING AN EARTHQUAKE?

- 3 The shaking ground from an earthquake can cause a great amount of damage. It can make houses fall down or roads crack open. Floods can also be caused by earthquakes.









Create New Understandings

Highlight the sentences that explain what happens to waves when strong earthquakes move under water.

WHAT CHANGES CAN EARTHQUAKES CAUSE?

- 4 The strongest earthquakes can move large areas of land. Some of these strong earthquakes move land deep under water. This pushes water up to make giant waves. These giant waves are called tsunamis.



Vocabulary in Context

Underline words that help you understand the meaning of **aftershocks**.

WHAT IS AN AFTERSHOCK?

- ⁵ Small earthquakes may happen days or even weeks after an earthquake. They are called aftershocks. Aftershocks often add to the damage caused by the first earthquake.



