



Zayn and Zoey were vacationing with their parents in Nepal. While looking for a picnic spot in the fields, they stumbled upon a huge crack in the ground. What was this crack? What could have caused it? Who could have done this? These questions led them to learn about the natural phenomenon of an earthquake and understand the basic cause and effect relationship.

Let's Chat!

After reading the book, let's discuss the story together and see how much of the book you remember!

- What is a fault line?
- What are the three main parts of the Earth?
- What are tectonic plates?
- At which point does the earthquake begin?
- What can an earthquake cause?
- What does a seismograph do?
- What are earthquakes on the moon called?
- Where do 90% of the world's earthquakes occur?
- How can we keep ourselves safe during an earthquake?

HANDS ON FUN!

Here are some fun activities related to earthquakes to do with children.

DIY Tectonic Plates

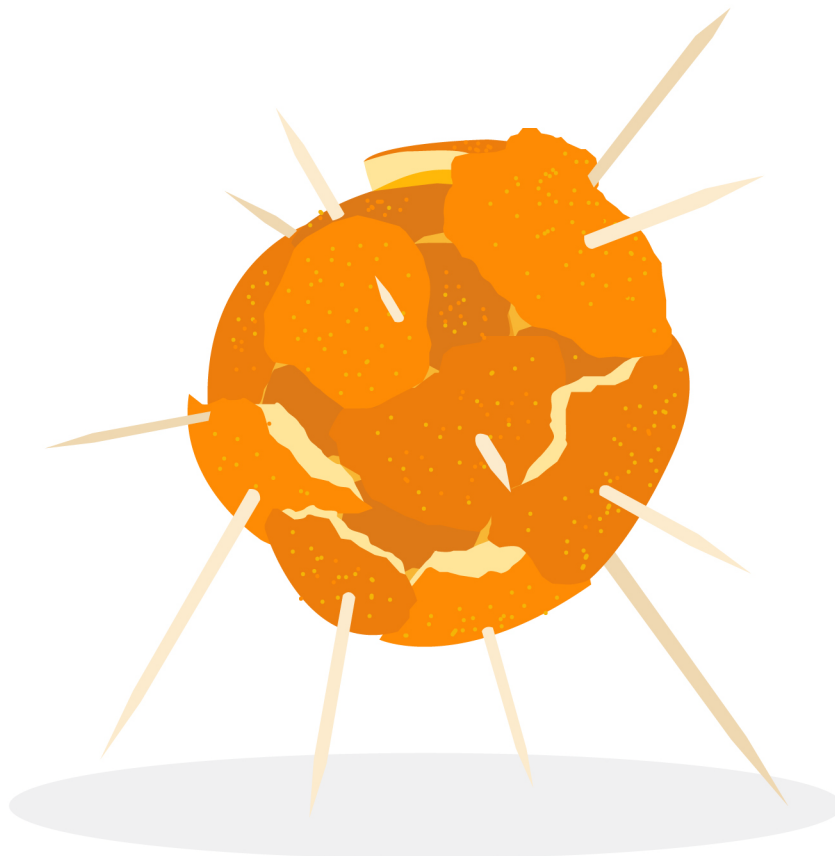
Do you want to understand how the pieces of Earth's crust fit together like puzzle pieces? Try this activity now!

Things you need:

- An orange
- Toothpicks
- Paper plate

Steps to follow:

1. Peel the orange. Make sure you have large pieces of the peel.
2. Now use toothpicks and attach the pieces of the peel back on the orange.



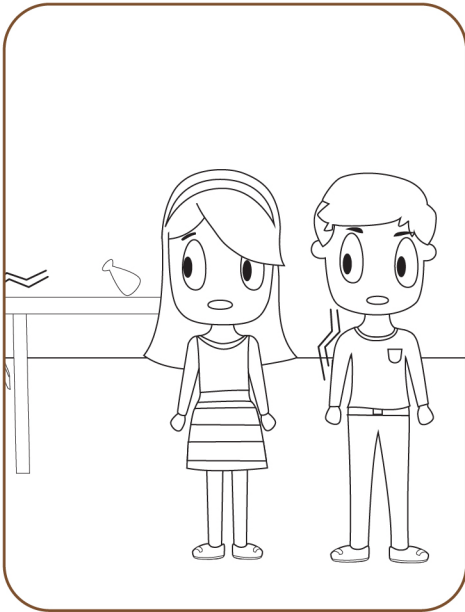
The entire orange is covered once again but in pieces, just like Earth. Earth's crust is made up of tectonic plates of different shapes and sizes!

Earthquake Safety

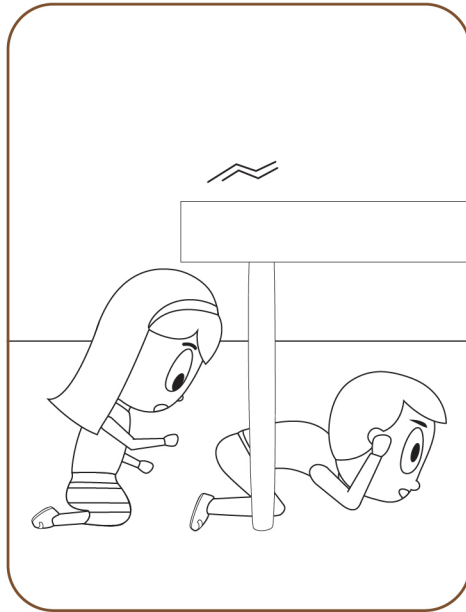
Colour and create your own safety chart to be used in case of an earthquake and pin it on your board!

WHAT TO DO DURING AN EARTHQUAKE

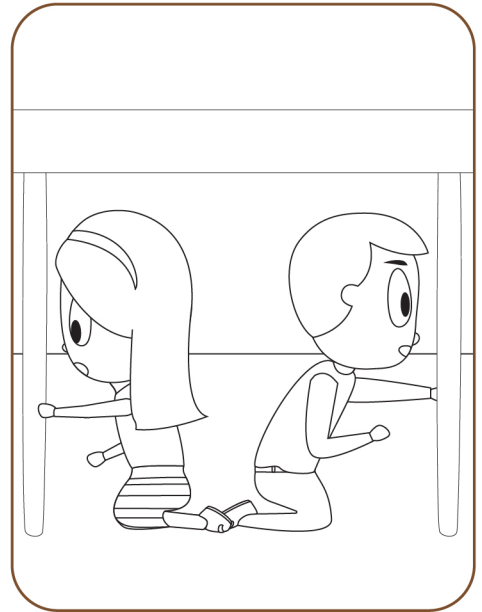
Indoors



Stay calm



Drop to the floor

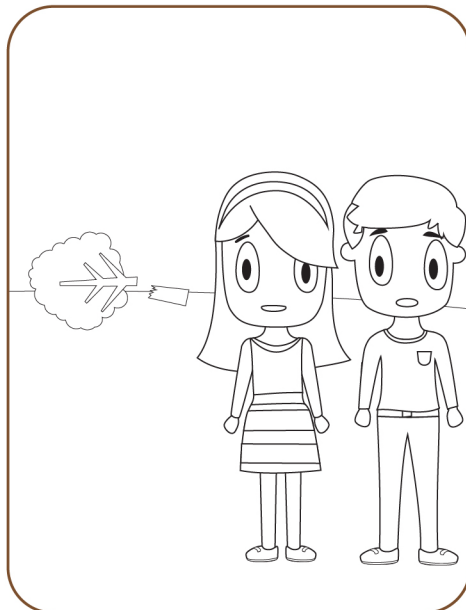


Take cover and hold

Outdoors



Stay away from buildings



Go to open areas



Find an assembly point

Rumble and Jumble

Read the clues and unscramble the words to know terms related to earthquakes!

Clues	Scramble	Unscramble
Caused when the ground breaks at a point.	FTULENALI	_____
The layer that covers the entire core.	NTALME	_____
The pieces that make up the crust.	NITCENTOC	_____
A violent shaking of the ground.	OMRERT	_____
The point on the Earth's surface directly above the hypocentre.	ENYTORPHENC	_____

Know the Earth - Layer by Layer!

Read about, label, and colour each of the three main layers inside the Earth.

1. The core is right at the centre of Earth.
2. The mantle is a layer that covers the core.
3. The outermost shell of the planet is the crust. It is made up of tectonic plates of different shapes and sizes.

Colour Keys

Core - Yellow

Mantle - Orange

Crust - Brown

Land - Green

Water - Blue

