

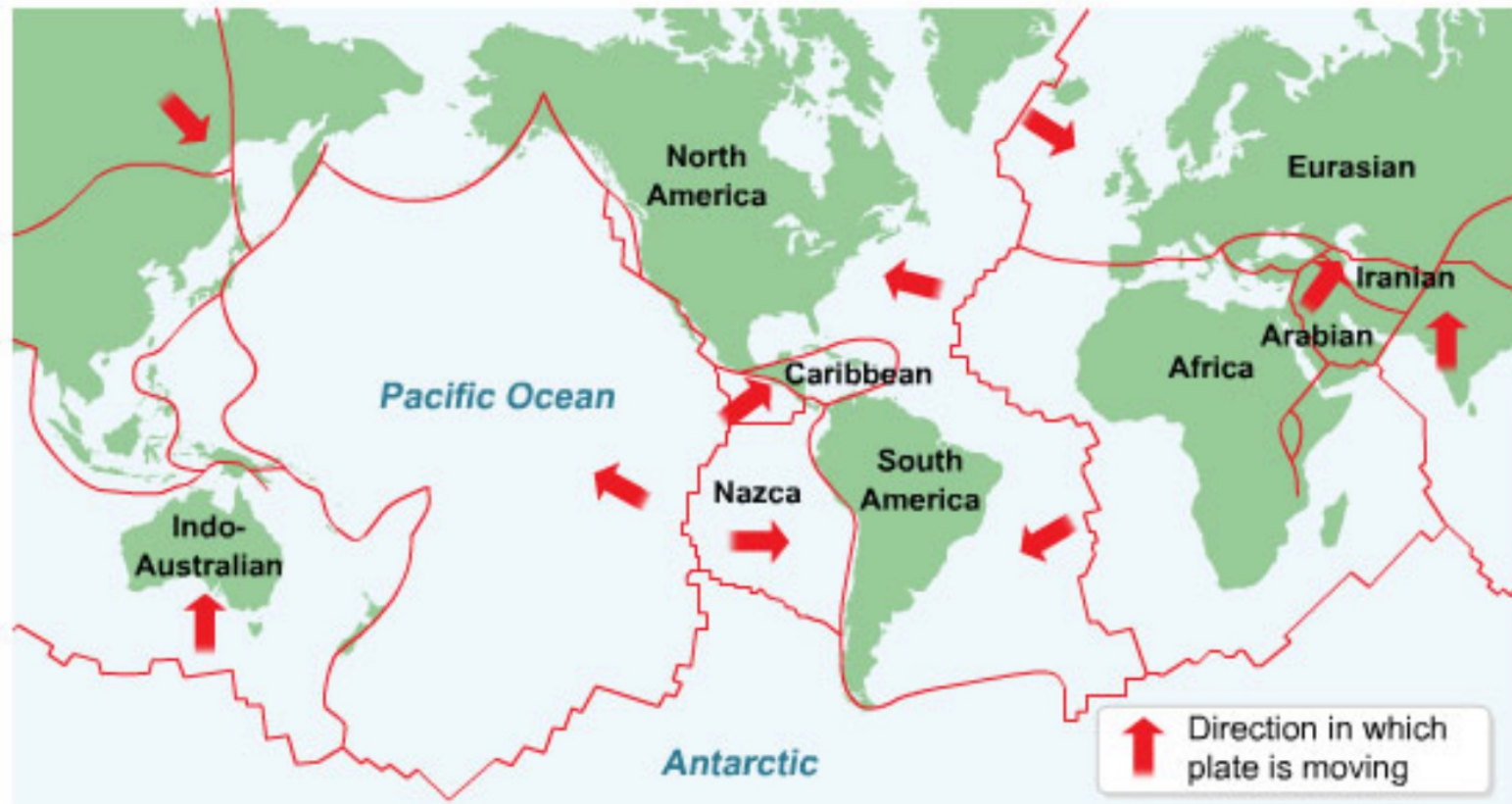
# Plate Tectonics

## 6.E.2.2

Explain how **crustal plates** and **ocean basins** are **formed**, **move**, and **interact** using **earthquakes**, **heat flow**, and **volcanoes** to reflect forces within the earth

*Follow this link...*

<http://lkimbal.wix.com/earthscience#!crustal-plates-/c41w>



## 1. What Are Crustal Plates?

Crustal plates form the outer layer of the Earth. There are seven major plates and many smaller plates.

Crustal plates are also known as tectonic plates. These tectonic plates are formed from the Earth's crust and uppermost part of the mantle.

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Compare and contrast the differences and similarities of the three different boundaries:

Similarities

Differences

<u>Similarities</u>	<u>Differences</u>

## 2. What is an ocean basin?

An ocean basin is a depression in the land that is covered by seawater.

- Consider how the formation of ocean basins relates to plate tectonics that you learned about in the last activity:

How are they related?

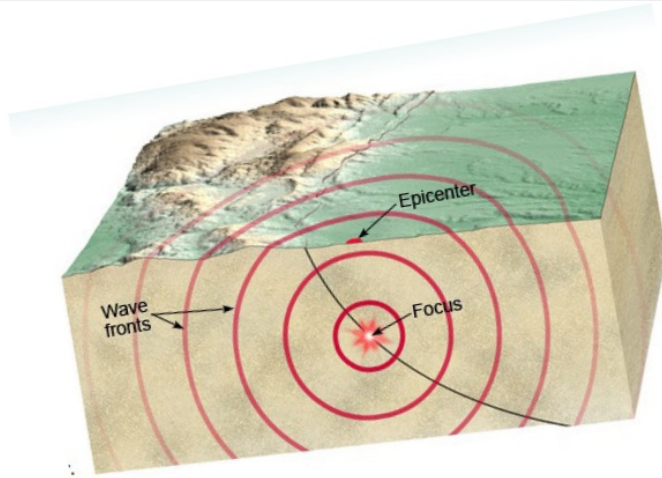
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### 3. Earthquakes

What is an earthquake and how does it relate to crustal plates?

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## 4. Volcanoes

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- How are volcanoes created?

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- How many active volcanoes are there?

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- What is the difference between magma and lava?

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