

## Tectonic plate

STUDENT BOOK p. 311

1. Use the words in the box to complete the text below on tectonic plates.

float  
oceans

mantle  
crust  
plates

lithosphere  
glide  
continents

continental drift  
tectonic plates

The \_\_\_\_\_ is the solid envelope of Earth. It is made up of the \_\_\_\_\_ and part of the \_\_\_\_\_. It is broken up into more than a dozen large pieces called \_\_\_\_\_. These plates form the bed of the \_\_\_\_\_ and the \_\_\_\_\_. They \_\_\_\_\_ on the partially molten part of the mantle. The extreme heat of Earth's interior creates movement in the part of the mantle on which the \_\_\_\_\_ rest. This explains why the tectonic plates \_\_\_\_\_ very slowly in relation to one another. This is known as \_\_\_\_\_.

2. Match each consequence of tectonic plate movement with its description.

Consequence of tectonic plate movement	Description
a) Divergence	1. Plates slide toward each other and collide. One plate sometimes slides underneath the other.
b) Friction	2. Plates move further and further apart, and magma rises to the surface to fill the empty space and solidifies.
c) Collision	3. Two plates slide against each other, creating a huge release of heat.

3. Which consequence of tectonic plate movement is illustrated here?

It is the main cause of the appearance of faults, volcanoes and mountains. It can also cause earthquakes.

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\_\_\_\_\_

