Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Earth Science - Pushing and Shoving**

**Before viewing**

**Define the following terms:**

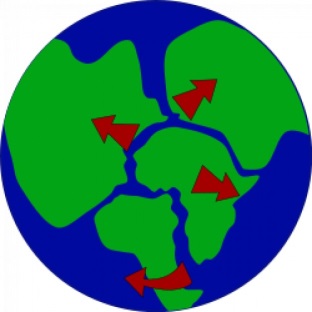
|  |  |
| --- | --- |
| **Tectonic plate** |  |
| **Continent** |  |
| **Continental drift** |  |
| **Crust** |  |
| **Mantle** |  |

**Watch the video Our Earth – Pushing and Shoving**

**During/after viewing**

**Answer the following questions in the space provided:**

What causes natural disasters like earthquakes and volcanic eruptions to occur?



What evidence is there for the super continent of pangea?

Draw a diagram of a convection current:

At what rate do the continents move?

What is the difference between a divergent and convergent boundary?

What is the name given to the place where the sea floor converges into a continental plate?

What process causes mountain ranges?

Why is New Zealand tectonically active, yet Australia is not?

What is erosion?

What causes a fault?

Draw a picture of diverging and converging plates. Include labels of subducting zones, mountain ranges, ocean trenches and convection currents.