

Plate Tectonics – Notes part 2

1. How do the plates move? Look at the diagram and explain what scientists think causes the plates to move.

2. Different types of plate boundaries

a. Divergent – plates are moving away from each other

i. African Plate and Arabian Plate – what do you see happening in this photo?

ii. North American Plate and Eurasian Plate – describe what is happening as these plate move apart

iii. Divergent Boundary – Oceanic – watch the animation and describe what happens

iv. Divergent Boundary – Continental – watch the animation and describe what happens

- b. Convergent Boundary – plates are moving towards each other**
 - i. Indian and Eurasian Plates - what do you see happening in this photo?**

 - ii. Convergent Boundary – Oceanic & Continental - watch the animation and describe what happens**

 - iii. Convergent Boundary – Oceanic & Oceanic - watch the animation and describe what happens**

 - iv. Convergent Boundary – Continental - watch the animation and describe what happens**

- c. Transform Boundary – plates slide past each other**
 - i. San Andreas Fault – describe what you see happening**