

- Plates get locked together and pressure builds up.
- Example: Mid Atlantic Ridge.
- Example: When the Indian plate hit the Eurasian plate and formed the Himalayan mountains.
- New plate being made.
- No volcanoes.
- Generally explosive volcanic eruptions.
- Plate being forced into the mantle.
- Magma rising to form volcanoes.
- Deep earthquakes.
- Example: When the Nazca plate meets the South American plate to form the Andes Mountains.
- No volcanoes.
- Generally gentle volcanic eruptions.
- Lots of earthquakes.
- Example: The San Andreas Fault, near San Francisco, USA.
- One plate is denser than the other so sinks.
- Shallow earthquakes.
- Plates moving past each other.
- Two plates collide with each other.
- Mountains are formed.
- Some earthquakes.
- Plate melting.
- Plate being pulled apart.

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