

- Reverse faults- thicken crusts and are common around mountains
- Strike-slip faults are twisting rock, the two plates sliding against one another. A good example of this is the San Andreas fault zone.
- We never have drilled through the layers of the earth to understand the Earth's interior. Instead we use earthquake data to model the Earth's interior.
- We have found, through models, that the earth is composed of different layers.
- Oceanic Crust is basalt and gabbro. Basalt is mafic in composition. The only real difference between gabbro and basalt is crystal size. They are compositionally the same.



<http://itc.gsw.edu/faculty/tweiland/basalt.jpg>