

# Mountain Building and Plate Tectonics

1. Name and show an example of a **folded mountain** (range):
  - a. Name the plates involved in their formation and the interaction of the plates:
  - b. In the formation of folded mountains, what happens to the rock? Briefly explain:
2. Name and show an example of a **fault-block mountain** (range):
  - a. Name the plates involved in their formation and the interaction of the plates:
  - b. In the formation of fault-block mountains, what happens to the rock? Briefly explain:
3. Name and show an example of a **volcanic mountain** (range) in Alaska:
  - a. Name the plates involved and their interaction:
  - b. Explain how a volcanic mountain forms:
4. Show a picture of the **East-African Rift**, and explain how it formed:
5. Explain the process by which clam shells ended up on "Snob Hill":