

Purpose: To recall previous experiences you have had with convection

Guiding Questions: How is convection connected to plate movement, earthquakes, and volcanoes?

1. Brainstorm with your groups what you know about why the earth's plates move.

2. a. What do you know about convection in the air?

b. What do you know about convection in the ocean?

c. How do you think convection in the mantle might be related to plate movement?

3. Fill in the two cells below with descriptions of slab pull and ridge push.

Slab Pull	Ridge Push

Convection

Connect the ideas of slab pull, ridge push, and convection to the model of the plate movement that Mr. Ower will show you.