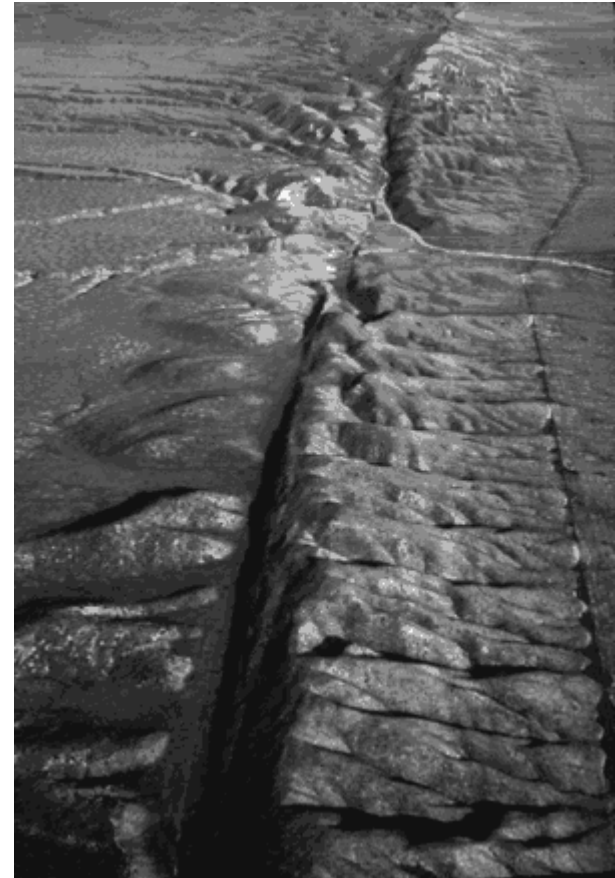


Engineering for Earthquakes

Lab Journal



Student Name: _____



The Tech
Museum of Innovation

Pre-Visit Journal

Earthquake Preparation

We cannot predict when an earthquake will happen, but we can prepare for these situations. Think about what you can do in the roles of students and engineers to help your community deal with earthquakes.

	Student	Engineer
Before an earthquake		
During an earthquake		
After an earthquake		

My Questions

Questions I want to ask about earthquakes:

1. _____

Answer: _____

Source: _____

2. _____

Answer: _____

Source: _____

3. _____

Answer: _____

Source: _____

Lab Questions

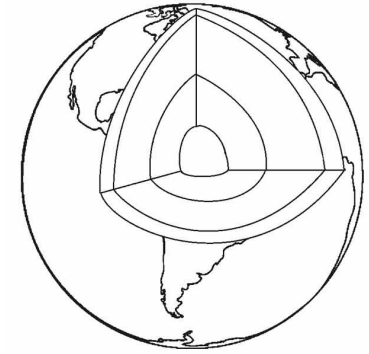
1. Label the 4 layers of Earth with the correct letter.

A. Lithosphere

B. Outer Core

C. Inner Core

D. Mantle



2. What landscape features are created by these plate boundaries?

Divergent: _____

Convergent: _____

Transform: _____

3. Draw some of the stable shapes for building.

4. Draw a diagram of one of your structures and identify any failure points.