FLINN SCIENTIFIC

Name_____

Modeling Faults Worksheet

Cross Section of Land

Normal Fault Sketch

Normal Fault Observations

Reverse Fault Sketch

Reverse Fault Observations

Strike-Slip Fault Sketch

Strike-Slip Fault Observations

Post-Lab Questions

1. Define the following terms and explain the conditions under which they normally occur.

   a. Fault

   b. Tension

   c. Compression

   d. Shearing

2. Complete the following table.

Fault	Type of Force	Overall Movement
Normal		
Reverse		
Strike-Slip		

3. What type(s) of strike-slip faults were formed in step 13? Label these types of faults on the strike-slip diagram you sketched on the previous page.

4. What happened to the river as the land sections underwent strike-slip faults? How would this affect the course of the river?

5. What event may occur when a fault forms? Describe this process.

6. Why is it easier to predict where an earthquake will occur rather than when it will occur?

7. Using online resources, perform further research and give actual examples of a normal fault, reverse fault, and strike-slip fault.