

It's Not My Fault Worksheet

Directions:

1. Color the fault model on the activity sheet following the color key printed on the Cutout Model Activity Sheet.
2. Cut out the fault model. Fold the rock layer extensions down to form a box with the features (trees, train track, river) on the top. Tape touching corners together. The box you make is a three-dimensional model of the top layers of the earth's crust.
3. The dotted lines on your model represent a FAULT. Carefully cut along the dotted lines. You should end up with two pieces.
4. Locate points A and B on your model. Move the two pieces so that point A is next to point B. This represents a NORMAL FAULT.
 - a. In the space below, draw how the rock layers X, Y, and Z now appear. Label this drawing NORMAL FAULT.

- b. Describe how the earth's surface has changed after movement along the normal fault.

- c. Predict what might happen to the river now that the rock layers have moved.

5. Locate points C and D on your model. Move the model so that point C is next to point D. Doing this represents a THRUST FAULT.

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