

# Plate Kinematics Model Templates

This file contains the templates for assembling the plate kinematics model.

Page 1 is this page with instructions and notes.

Page 2 is the model base. The three areas with the bold, diagonal lines are the slots representing the two trenches and the mid-ocean ridge, and need to be cut out in advance of using the models in class. The stippled pattern represents the upper mantle beneath the mobile plates. Stationary tectonics plates are labeled. Areas with no pattern on the edges are reserved for student annotations (e.g. regarding seafloor age, depth, or relative motion). The base is reusable when printed on cardstock and laminated.

Pages 3 and 4 represent movable plates. Cut each sheet lengthwise to form two narrow plates from each sheet of paper.

To assemble, place two paper strips together with the printing facing each other. Thread the two sheets upward through the center slot (the mid-ocean ridge). Finally slide the end of each strip downward through a slot at the end of the cardstock (the trench).

**Oceanic**



**Continental**

**Oceanic**

**Oceanic**

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