

Pangaea to the Present

An activity from <http://volcano.oregonstate.edu/>

Jigsaw World

Materials:

1. Two maps (Pangaea, World today)
2. Two "World Cut Up" maps
3. Two pieces of blue construction paper (9 X 12)
4. Glue
5. Scissors
6. Markers

1. The students will study the "World Today Map" (The black arrows indicate the direction of plate movement) and the "Pangaea/Panthassla Map".
2. Instruct the students to cut the two "World Cut Up" maps on the red lines.
3. The students will then place and paste the continents at the position that they were located 250 million years ago in the great ocean called Panthassla.
4. The students will then make a prediction of what the world will look like in 100 million years. The students should use the "World Map Today" in making their predictions.
5. Instruct the students to place the remaining continent cutouts and paste them onto the other piece of blue construction paper.
6. The students should also predict where new mountains will form and where new volcanoes will erupt by marking them on their prediction maps using markers.
7. Have the students write in their science notebooks what their reasons were for placing the continents where they did.



