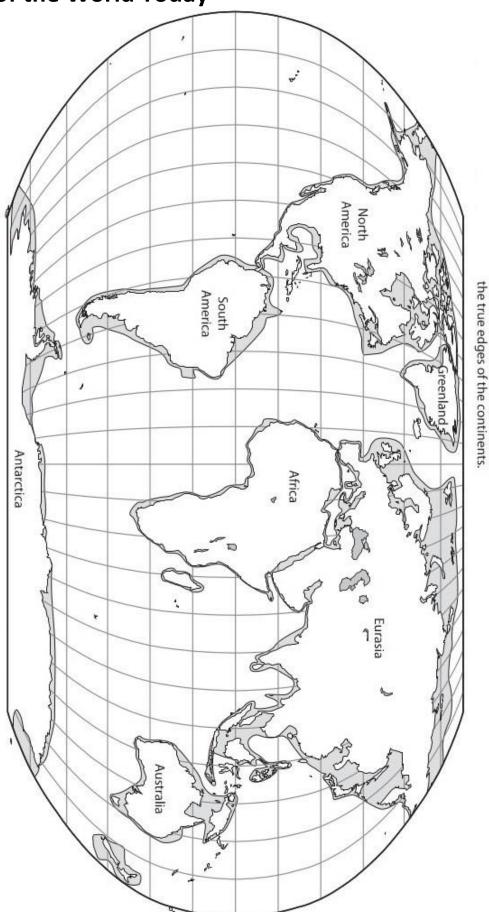
Map of the World Today

U.S. Department of the Interior U.S. Geological Survey



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The World Today

This map shows the continents as they appear today. Most of the continental land masses lie above sea level, but the true edges of the continents are not at the shoreline. The gray areas on this map show the relatively shallow water that covers the fringes of the continents. These sea-covered borders are known as CONTINENTAL SHELVES (gray areas). The margins of the continental shelves mark the true edges of the continents.

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Puzzle Piece Evidence



The continents is surrounded by the continental shelf (stippled pattern), which extends beyond the continent until there is a large change in slope.



By about 300 million years ago, a unique community of plants had evolved known as the European flora. Fossils of these plants are found in Europe and other areas. Color the areas with these fossils yellow.



Fossils of the fern Glossopteris have been found in these locations . Color the areas with these fossils green.



Fossil remains of the half meter-long fresh or brackish water (reptile) Mesosaurus. Mesosaurs flourished in the early Mesozoic Era, about 240 million years ago. Mesosaurs had limbs for swimming, but could also walk on land. Other fossil evidence found in rocks along with Mesosaurs indicate that they lived in lakes and coastal bays or estuaries. Color the areas with these fossils blue.

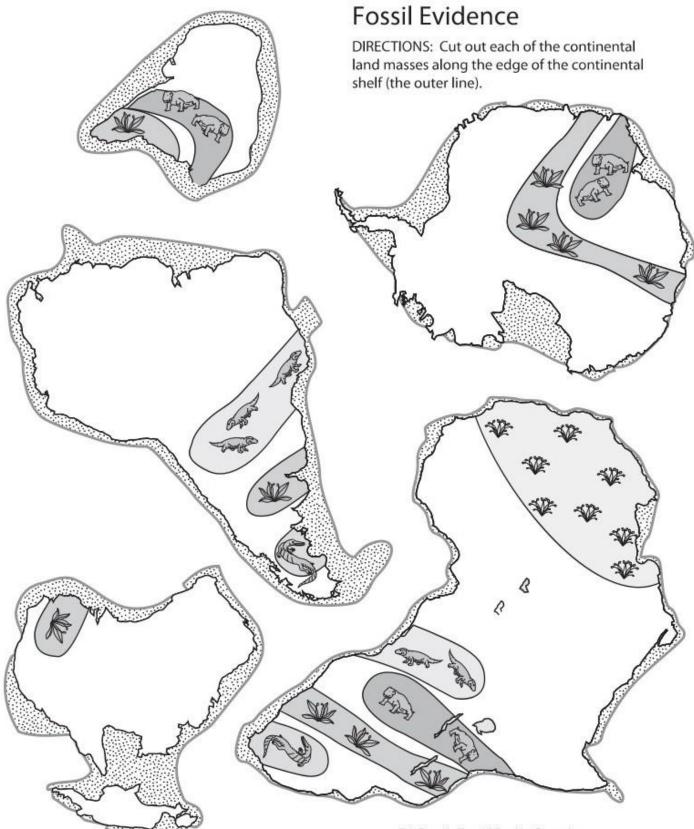


Fossil remains of Cynognathus, a land reptile approximately 3 meters long that lived during the Early Mesozoic Era, about 230 million years ago. It was a weak swimmer. Color the areas with these fossils orange.



Fossil evidence of the Early Mesozoic, land-dwelling reptile Lystrosaurus. They reproduced by laying eggs on land. In addition, their anatomy suggests that these animals were probably very poor swimmers. Color the areas with these fossils brown.

Puzzle Pieces **ZUSGS**



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Hint for the Puzzle Pieces

