

If you worked with other students, their name(s): _____

Directions: Draw 2 arrows from each evidence box, one to each model. You will draw a total of 8 arrows.

Key:

	The evidence supports the model
	The evidence STRONGLY supports the model
	The evidence contradicts the model (shows its wrong)
	The evidence has nothing to do with the model

Evidence #1
Trilobites were small animals that lived at the bottom of the ocean. They fed on organic matter in sediment on the ocean floor. Because trilobite fossils are so abundant and well preserved in the limestone and shale rock of Ohio, they were officially named the state fossil.

Model A
Many organisms' fossils are missing from the fossil record. We cannot make any conclusions about Earth's past environments from fossils.

Evidence #3
The Svalbard forest in Arctic Norway is filled with fossils of tropical trees, called Lycopsid. These trees lived hundreds of millions of years ago.

Evidence #2
Leaf fossils from Wyoming found in a deep rock layer show a climate that is cooler than the climate of the leaf fossils found above it.

Model B
Fossils provide evidence for Earth's changing surface. Understanding past life forms tells us about past environments.

Evidence #4
Many large geographic areas, like the Blue Ridge and Piedmont regions in Georgia, are made up of metamorphic and igneous rock. Fossils are not usually found in these types of rock.