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| HOW IS THE EARTH CHANGING ? HOW DID THE EARTH LOOK IN THE PAST? |
| What did we do? | What did we observe? | What have we figured out so far? | How does this help answer our question? | What questions do we think we have figured out from our DQB? |
| Looked at Wegener’s phenomenon (evidence) and his theory of continental drift Looked at evidence on the ocean floorModeled sea floor spreading  | Plant and animal Fossils found in S. America and Africa now separated by an ocean. Evidence of glaciers in warmer places like Africa and S. America Coal in AntarcticaSame layers of rock found in S. America and Africa separated by an ocean. Continents look like they fit together like a puzzle. Mountains on the ocean floorYounger rocks are closer to the MOR and older rocks are further from the MOROcean floor is volcanic rock Continents look like they fit togetherCanyons on the ocean floor (trenches)As the paper (plates) moved away, old rock (marker) moved further away and new rock formed in the middle (MOR) | The continents movedThe continents were once connectedCoal is formed from plants so Antarctica must have been in a warmer location on Earth. Sea floor spreading is why continents move**New material is constantly being added to the edges of some plates creating new ocean floor between continents.**  | Because of sea floor spreading, we have a reason for continents moving.There used to be one supercontinent on Earth |  |

UNIT 1: LESSON 1 SUMMARY TABLE HR. \_3\_\_\_