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| How is Earth Changing?? **How did 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? |
| Reviewed Wegener’s phenomenon/evidenceLooked at evidence on the ocean floorModeled sea floor spreading.  | Continents look like they fit together**The Earth’s surface has interlocking plates of different shapes and sizes**Exact same rock layers on edges of S.A. and AfricaSame animal fossils on different continents separated by ocean. Coal in AntarcticaAt one time all of Earth covered in ice (glacier evidence)Fossils of temperate plants found in tropical environments Reptile fossils found in AntarcticaAll ocean floor is younger than the continentsThe ocean floor was younger at the Mid ocean ridgeOcean floor older the farther from the MORThere are trenches | The continents used to be connectedContinents could have shifted towards the poles (ice age)Areas once temperate are now tropical so location of continent changedSome deserts used to have life…continents moved locationTectonic plates are moving and shifting At MOR plates are spreading apart and creating new rock layers symmetrical on both sides. Movement of plates create trenches. **New material is constantly being added to some edges of some plates , which has created new ocean floor between continents.** | Based on Wegener’s evidence we know that the continents were once connected. We know how the continents moved apart.  |  |

UNIT 1: LESSON 2 SUMMARY TABLE HR. \_\_1\_\_