|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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/evidence  Looked at evidence on the ocean floor  Modeled 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 Africa  Same animal fossils on different continents separated by ocean.  Coal in Antarctica  At one time all of Earth covered in ice (glacier evidence)  Fossils of temperate plants found in tropical environments  Reptile fossils found in Antarctica  All ocean floor is younger than the continents  The ocean floor was younger at the Mid ocean ridge  Ocean floor older the farther from the MOR  There are trenches | The continents used to be connected  Continents could have shifted towards the poles (ice age)  Areas once temperate are now tropical so location of continent changed  Some deserts used to have life…continents moved location  Tectonic 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\_\_