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| 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? |
| Analyzed data from maps of locations of eq /volcanoes  Analyzed map of tectonic plates  Analyzed maps of elevation- comparing them w/ eq & volcano maps | Patterns in the data  Colder placers (Antarctica , Greenland) little or no volcanoes and eq  More volcanoes and earthquakes on the plate boundaries.  Eq/volcanoes in and near ocean.  Mountains in Himalayas (lots of eq)  Eq in shallow water in the middle of the Atlantic Ocean  Volcanoes = higher elevation  Japan has a lot of eq  And volcanoes right on the fault line  Asia has a lot of eq not on tectonic plate boundaries.  There were places with eq and volcanoes away from boundaries  Volcanoes happened near where eq happened. | Correlation between volcanoes eq and tectonic plates where they located  Earth is changing at the fault lines.  Most of the time where there are volcanoes there are eq  There is a relationship between eq and volcanoes  **The Earth’s surface is made up of interlocking plates of various shapes and sizes.** | The Earth is changing at the fault lines (plate boundaries).  Earthquakes can cause damage to the Earth  Volcanoes can form new land. | Islands do not float.  What are fault lines? The plate boundary lines  What are volcanoes made of? Rock  How is there eq in the ocean? That’s where plate boundaries are located  Why are volcanoes only create in tropical areas? They are not only in tropical areas.  Where are tectonic plates located? They cover the entire Earth. Different shapes and sizes. |

UNIT 1: LESSON 1 SUMMARY TABLE HR. \_\_\_6\_