**Guided Reading – Evolution Unit**

Pages 405 – 409

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| *Page 405 – A Trip Through Geologic Time – What is the Geologic Time Scale?*  **What is the Evidence**? After each of the evidence listed, give examples or explain what it means. | **Assertion** – By dating fossils and examining layers of sediments in Earth’s crust, scientists have been able to put together a time scale for the history of life on Earth.  1. Geologic Time Scale –  2. Life began in the Precambrian Era  3. New organisms appear in the Paleozoic Era  4. Dinosaurs, mammals, and flowering plants appear in the Mesozoic  5. Changes on Earth during the Mesozoic affected species  6. The Cenozoic Era – a world with humans  7. Extinctions affect the diversity of species |
| *Look at Figure 17.8 – What does it show?* |  |
| *Look at Figure 17.10 – Describe what happened to the continents.* |  |
| *Page 409 – Read and answer the* ***ThinkingLab*** |  |