**Geol 106 - Dinosaurs:** **Reading and Lecture Guide**

**Types of Fossils & Geologic Time**

Define the following types of fossils and give 1 example of each type

Body Fossil:

Trace/Behavioral Fossil:

Chemical Fossil:

Note: a given fossil sample may fall into more than one of these categories: Give an example of this:

What are each trace fossil below and which is most common? Which is the most rare to find.

Track and Trail:

Gastroliths:

Coprolites:

Skin Imprints:

Eggs and Eggshells:

Nests:

**Geologic Time:** Know the 3 Geologic Eras discussed in class as well as the information below:

|  |  |
| --- | --- |
| Geologic Era | Geologic Time Period |
| Mesozoic |  |
|  |
|  |

The Mesozoic Era began Millions of years ago with a mass extinction event in which of all fossil species were killed. The Mesozoic era ended Millions of years ago with a mass extinction event in which of all fossil species (including the dinosaurs) were killed.