**VOCAB: Fossils & Geologic Time** Name**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_**

**Interpreting Graphs & Charts, Understanding Text:**

1. Use Figure 21-1 on p.554 to answer the following:
   1. What organism appeared for the first time in the Ordovician Period?
   2. During what period were amphibians dominant?
   3. Mammals
      1. During what period did they first appear?
      2. During what period did they become abundant?
2. Read the section titled “Index Fossils” on p. 568.
   1. What is an Index Fossil used for?
   2. List 3 characteristics a fossil must have before it can be considered an Index Fossil.

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|  | **K**  **(What You Need to KNOW )** | **I**  **(Information)** |
|  | **Geologic Time Scale** |  |
|  | **Intrusion** |  |
|  | **Uniformitarianism** |  |
|  | **Law of Superposition** |  |
|  | **K**  **(What You Need to KNOW )** | **I**  **(Information)** |
|  | **Fossil** |  |
|  | **Index Fossil** |  |
|  | **Extinction** |  |
|  | **Mass**  **Extinction** |  |
|  | **Absolute Dating** |  |
|  | **Relative Dating** |  |
|  | **Radioactive Decay** |  |
|  | **Half-Life** |  |