Essential Vocabulary – 8. E 2.1 Earth’s history

***Absolute or Carbon Dating***: Process of determining the age of an object using the half-life (based on uranium) of one or more radioactive isotopes to find out how old something was.

***Relative Dating***: How old an object is compared to another object

***Index Fossils***: Fossils of widely distributed organisms that lived during only one short period during Earth’s time scale. Example: trilobite

***Sedimentary Rock***: The type of rock that is made out of hardened layers. Example: Grand Canyon

***Law of Superposition***: The geologic principle that states that in horizontal layers of sedimentary rock, each layer is older than the layer above it and younger than the layer below it. OR. In undisturbed layers of sedimentary rock the layer at the bottom is the oldest.

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Reading out of textbook: pages 318 – 324 (pg,\_\_\_\_)

Write the Key concepts in your notebook and then answer from your prior knowledge before reading.

2 column notes: Using the red headings. (318 – 324) (NB \_\_\_)

Make a sequence chart on how a fossil is made (NB \_\_\_\_)

Make a foldable of your own choosing on the different types of fossils. (pg 319 – 321) There are six. (NB \_\_\_)

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