

Name _____ Date _____ Period _____

STUDY GUIDE CHAPTER 13

1. Know all of the necessary conditions for fossils to form.
2. Describe each of the 6 types of fossils. Know DEFINITIONS, EXAMPLES, PICTURES, etc.
3. Know the difference between relative dating and absolute dating. Which tells you the exact age of the rock? Which only tells you the order in which they formed? (COMPARE/CONTRAST)
4. Define the principle of superposition. Provide a drawing as an example.
5. Be able to DRAW, EXPLAIN, and IDENTIFY each of these on a geologic history diagram: disconformity, fault, uplifting, angular unconformity, igneous dike
6. Lab questions on relative dating. Review these activities:
 - "Relative Age Dating of Geologic Features"
 - "Geologic History Sequences"
 - "Layers of Rock"
 - "Creating a Rock Sequence"
7. Lab questions on fossil identification. Be able to identify all 6 types of fossils. This section is just like the fossil labs we did in class. (20-30 points)
8. Know what index fossils are. How can they be used to determine the age range for a layer of rock? Review the "Index Fossils" activity.
9. Review the "Fossil Tracks" worksheet. Be able to tell the story of a set of fossil footprints. You will be given a DIFFERENT drawing on the quiz. Do NOT memorize the answers from the worksheet - you will be wrong!!!