Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_\_\_\_\_

**Fossils Webquest**

Read through the information on the site and follow the directions. Answer the following questions as you come to that information.

Go to: <http://tinyurl.com/cq7bwr> — Click on **Student­­ Level 1­**

Be sure to read **all** of the information on each page and click on **all** of the options.

1. What is a fossil?

2. What is a fossil record?

3. Give 2 examples of body parts that can become fossils.

4. Give 2 examples of traces left by organisms that can become fossils.

5. Summarize the steps of fossil formation.

6. Why is quick “burial” of an organism important to fossil formation?

7. How many ways are there for an organism to become a fossil once it is buried?

8. List the other ways an organism can become a fossil if it is not buried.

9. Why are hard body parts more likely to fossilize than soft body parts?

10. Of all the organisms that are living today, what percentage will eventually become fossils?

11. There are 4 ways a fossil can be destroyed once it becomes a fossil. Explain what happens for each.

12. List the 3 types of rock and explain how they are formed.

13. Why are fossils found in sedimentary rock?

14. What are 2 forces that can expose once deeply buried fossils?

***If you get done early***, explore another fossil website—Stories from the Fossil Record—link found on my website. <http://www.ucmp.berkeley.edu/education/explorations/tours/stories/middle/intro.html>