**YOU WILL NOT GET FULL CREDIT UNLESS YOU GIVE AN EXAMPLE**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Stories from the Fossil Record Web Quest**

**FOCUS QUESTION** How can we learn about past environments and living things by studying fossils?

1. Click on link <http://www.ucmp.berkeley.edu/education/explorations/tours/stories/index.html>
2. Click on STUDENTS
3. Click on PAST LIVES
4. Go through this section of the web quest. As you go through the section or when you complete the section answer the following questions.
   1. How can fossils tell us how long individual organisms live? (give an example)
   2. How can fossils tell us how individual organisms protected themselves? (give an example)
   3. How can fossils tell us about the behaviors of individual organisms? (give an example)
   4. How can fossils tell us how features of organisms evolved (change) over time? (give an example)
5. Click on GEOLOGIC TIME
6. Go through this section of the web quest. As you go through the section or when you complete the section answer the following questions.
   1. How can we tell the age of rocks? (give an example)
   2. How can we tell the age of fossils? (give an example)
   3. How can we learn about past geologic events? (give an example)
   4. How do we know that the continents moved? (give an example)
7. Click on PALEOECOLOGY
8. Go through this section of the web quest. As you go through the section or when you complete the section answer the following questions.
   1. How can we tell what the climate was like in the past? (give an example)
   2. How can we tell that environments drastically changed in the past? (give an example)
   3. How can we tell how organisms interacted with each other in the past? (give an example)
   4. What causes ecosystems to change over time? (give an example)
9. Click on BIODIVERSITY
10. Go through this section of the web quest. As you go through the section or when you complete the section answer the following questions.
    1. How can we tell that life has changed over time? (give an example)
    2. How can we tell how organisms are related? (give an example)
    3. How can we tell that extinctions have occurred in the past? (give an example)
    4. What can we learn from past extinctions? (give an example)