

BM-Evaluate evidence of biological and physical change over time. McCauley©2001

### **Fossil Dig Lab**

**Write a hypothesis explaining how digging up fossils might be evidence showing the earth and its organisms have changed over time.**-----

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1. Draw your dig site below :

2. What natural process tends to expose fossils on the surface of the earth?

A. Volcanoes B. Metamorphism C. Plate Action D. Erosion

3. How many bones (chips) did you find?

4. What tools could you use other than a pick that would help you get more bones out intact?

5. What is a paleontologist? And tools do they use?

6. Fossils are usually found in \_\_\_\_\_ rock.

A. Igneous B. Sedimentary C. Metamorphic D. Basalt

7. Use your textbook or dictionary to define fossil:



**Indiana Jones Sandbox of Doom**(Updated 2008)

**BM- Use a model to make predictions & inferences...**

**Directions: Draw, measure and answer questions.**

**#1 Leaf Draw: Length\_\_\_\_\_CM Width\_\_\_\_\_CM**

**#2 Bi-Valve Draw: Length\_\_\_\_\_CM Width\_\_\_\_\_CM**

**#3 Petrified Wood Draw: Length\_\_\_\_\_CM Width\_\_\_\_\_CM**

**#4 Bag Full O' Fossils: Length\_\_\_\_\_CM Width\_\_\_\_\_CM  
(Draw)**

**#5 Sandbox of Doom: Length\_\_\_\_\_CM Width\_\_\_\_\_CM  
(Draw)**

**Questions:**

- 1. What species of animal was your sandbox of doom fossil?**
- 2. What part of the skeleton was your sandbox of doom fossil?**