

First & Last Name \_\_\_\_\_ Date \_\_\_\_\_ Block \_\_\_\_\_

## BILL NYE the Science Guy: "ROCKS AND SOIL"

Read the following questions BEFORE the videos are played. All of the questions are in order of the videos, so pay attention! Answer the questions as you watch the videos...don't wait until they're all over.

### PART #1

1. All of the rocks in the world used to be \_\_\_\_\_ rock called molten rock.
2. The pits in the rock were formed by \_\_\_\_\_ in liquid rock that came out of a volcano.
3. When rocks come out of the volcano onto the earth, they can PUSH/PULL the older rocks.
4. Soil comes from \_\_\_\_\_ which comes from \_\_\_\_\_.
5. What are the 3 types of rocks? \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_

### PART #2

6. Every rock you see used to be THE SAME/DIFFERENT.
7. Rocks are always changing, and are part of something we call the \_\_\_\_\_.
8. The reason why we have volcanoes is because there are plates of rock called \_\_\_\_\_ plates, and they are always moving.
9. The rock cycle has been going on for \_\_\_\_\_ and \_\_\_\_\_ of years.
10. Name 3 ways rocks can be broken down: \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_
11. Does soil have layers? YES/NO
12. As you go through the different layers, the color of soil becomes LIGHTER/DARKER

### PART #3

13. Diamond is the \_\_\_\_\_ substance known to man, and only \_\_\_\_\_ will cut diamond.
14. The only difference between coal and a diamond are \_\_\_\_\_ of years and \_\_\_\_\_ of pressure.
15. Both coal and diamond are made of \_\_\_\_\_.

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