

Name KEY
Period _____ Date _____

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.

- All of the rocks in the world used to be melted rock called molten rock.
- The pits in the rock were formed by bubbles in liquid rock that came out of a volcano.
- When rocks come out of the volcano onto the earth, they can PUSH PULL the older rocks. Down
- Soil comes from dirt which comes from rocks.
- What are the 3 types of rocks? igneous (fire) Sedimentary (sand, mud, silt) and Metamorphic (change)
- Every rock you see used to be THE SAME DIFFERENT.
- Rocks are always changing, and are part of something we call the Rock Cycle.
- The reason why we have volcanoes is because there are plates of rock called tectonic plates, and they are always moving.
- The rock cycle has been going on for Millions and millions of years.
- Name 3 ways rocks can be broken down: water, pressure and heat
- Does soil have layers? YES/NO
- As you go through the different layers, the color of soil become LIGHTER/DARKER
- Diamond is the hardest substance known to man, and only diamond will cut diamond.
- The only difference between coal and a diamond are millions of years and tons of pressure.
- Both coal and diamond are made of Carbon.
- The crystals from the Epsom salt form patterns just like rocks.