Rock to Rock to Rock to Rock…………..

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_

Directions: Listen to the following story. Put the correct vocabulary word after the corresponding paragraph. (**USE YOUR NOTES!!)** Using the back of this paper make a comic strip out of the story using 10 different pictures, write the corresponding vocabulary words in the pictures as well. Some pictures will not have any vocabulary words.

Imagine that you are a rock as big as a baseball. Your home is on a sunny hillside and you can see down into a deep valley with a river roaring far below. You like your home. Sometimes it is very hot there, the sunlight shines down and warms you up. You like being a rock…it’s an easy life, nothing much exciting happens.

During the winter however, you get worried about the ice that freezes in the crack on top of you. This crack grows bigger each year because the ice pushes hard on the sides of the crack. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

One spring it is very wet, wetter than you can ever remember. The rain pours in little streams rushing down the hillside. Feel the water flowing over you and into the soft mud below. Suddenly you feel a rumbling and the Earth begins to shake. You look up hill and a large wall of mud rushes down and sweeps you up. You begin to roll down, down, down, into the valley. Ow! You hit another rock and you split along the crack. Now you are two halves rolling down the hill. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Splash! You land in the river. For days and days you are pushed by the swift, strong waters. Rolling and bumping along you are getting all broken up into gravel and sand. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Finally the river enters the ocean and you—many pieces, settle onto a large, flat area along with millions of pieces of sand, gravel and silt. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Some pieces settle on top of you and you are getting squished. You yell out, “STOP PUSHING!” but more and more weight presses down. Your pieces get pushed and stuck together with other pieces. You are now hardening and becoming a sedimentary rock. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The pressure grows and begins to get warmer and warmer. Your rock self is pushed deeper into the lithosphere. You change color and form many hard crystals in neat looking bands. Now you are metamorphic. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You keep getting pushed farther down. It is hot—boiling hot! Everything begins to melt and you are part of a hot mass of rock called magma deep underground. It seems like forever that you are part of this big melted sea of rock. Will you ever see the sun again? You want to be back on your hillside feeling the hot sun and the cool wind and rain. \_\_\_\_\_\_\_\_\_\_\_

Wait—you are being pushed up and the Earth is shaking and rumbling again. You can feel yourself rising higher and higher. Fire, ash, dust and steam surround you and with a loud explosion, you burst out of the top of a volcano. Red hot lava is all around. You are a scalding, steamy piece of lava shooting through the air when suddenly, you land on a high point of the volcano away from the hot flow of lava below. \_\_\_\_\_\_\_\_\_\_\_\_\_

Shortly, the volcano begins to quiet down and the lava cools and hardens. You are now a cold, gray, dull igneous rock on top of a high volcano looking down at a river flowing far below. When the dark ashes blow way and the sky clears, the sun comes out and warms you high up on the volcano—your new home. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Vocabulary Words: (Not every picture will have one)

1. Igneous rock 4. Heat/Pressure 7. Extrusive 10. Sediments 13. Deposition

2. Sedimentary rock 5. Weathering 8. Magma 11. Compaction 14. Foliated

3. Metamorphic rock 6. Erosion 9. Lava 12. Cementation