

ROCK EXPLORATION

STUDENT NAME: _____

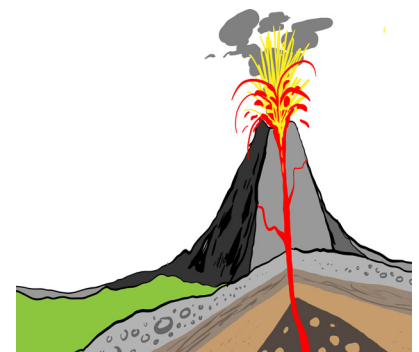
You just finished watching the Heat and Pressure SLUG SCIENCE JOURNEY video featuring the Banana Slug String Band, and now it's time for you to complete your challenges! The slugs have challenged you to play several rock games. Play each game and record your results below AND in the FLIPGRID Challenges! Have fun!

GAME ONE: SPECIAL ROCK

<p>After you or your teacher reads to the class the book EVERYBODY NEEDS A ROCK, go outside and find your own special rock or pick one from the RIVER ROCKS bag provided in the kit. Find your special rock and examine it. Try to remember how it feels. Then mix it into a big pile of rocks.</p>	<p>Did you find your special rock by sight?</p>	<p>Did you find your special rock with your eyes closed?</p>
	<p>Yes or No?</p>	<p>Yes or No?</p>

Describe how you found your rock, what is special about it?

*Take a picture of your rock and submit it on the FLIPGRID
 Challenge: Rock Explorations Part 1



GAME TWO: ROCK TOWER

See who can make the tallest rock tower. Measure how tall it is. If you don't have a ruler, use your thumb and tell how many thumbs tall it is.

The tallest tower was _____ tall.

This tower had _____ rocks (how many?)

*Take a picture of this tower and submit it on the FLIPGRID Challenge: Rock Explorations Part 2

See who can make a tower using the **most** rocks without the tower falling over.

How many rocks were used in the tower? _____ rocks.

What strategies did you use to try and make the tallest tower?

*Take a picture of this tower and submit it on the FLIPGRID Challenge: Rock Explorations Part 2

GAME THREE: PEBBLE JACKS

Find some small pebbles and place them on the back of your hand. Flip your hand over and see how many you can catch.

First Try:	Second Try:	Third Try:

*Make a short video of you playing and submit it on the FLIPGRID Challenge: Rock Explorations Part 2

ACTIVITY FOUR: SORT AND MAKE A ROCK COLLECTION

Part 1: You are provided with a bag of rocks containing clear examples of all three categories of rocks: IGNEOUS, METAMORPHIC, SEDIMENTARY in your student kit bucket. Sort these rocks onto the ROCK SORTING SHEET in your student kit bucket using the clues on the sorting sheet.

Part 2: Use the provided Rock Sorting Sheet to sort your own rock collection. Using what you have learned, try sorting the rocks into the 3 categories. What type of rock did you find the most of by where you live? Why do you think that is? **Answer these questions and record your finding on the FLIPGRID Challenge: Make a Rock Collection.**

ACTIVITY FIVE: BE A SEDIMENTARY ROCK

Get “layered down” like the Professor, becoming a sedimentary rock! Try simulating “layering down” with your hand. Using the provided sediments (sand, soil, leaves, gravel) put a layer at a time on one of your hands until your hand is covered with layers of different kinds of sediments. This demonstrates how a sedimentary rock is formed! **Be sure to take a photo or video and submit to the FLIPGRID Challenge: Be a Sedimentary Rock as evidence.**

Describe any thoughts or feelings you had while your hand was becoming sedimentary.