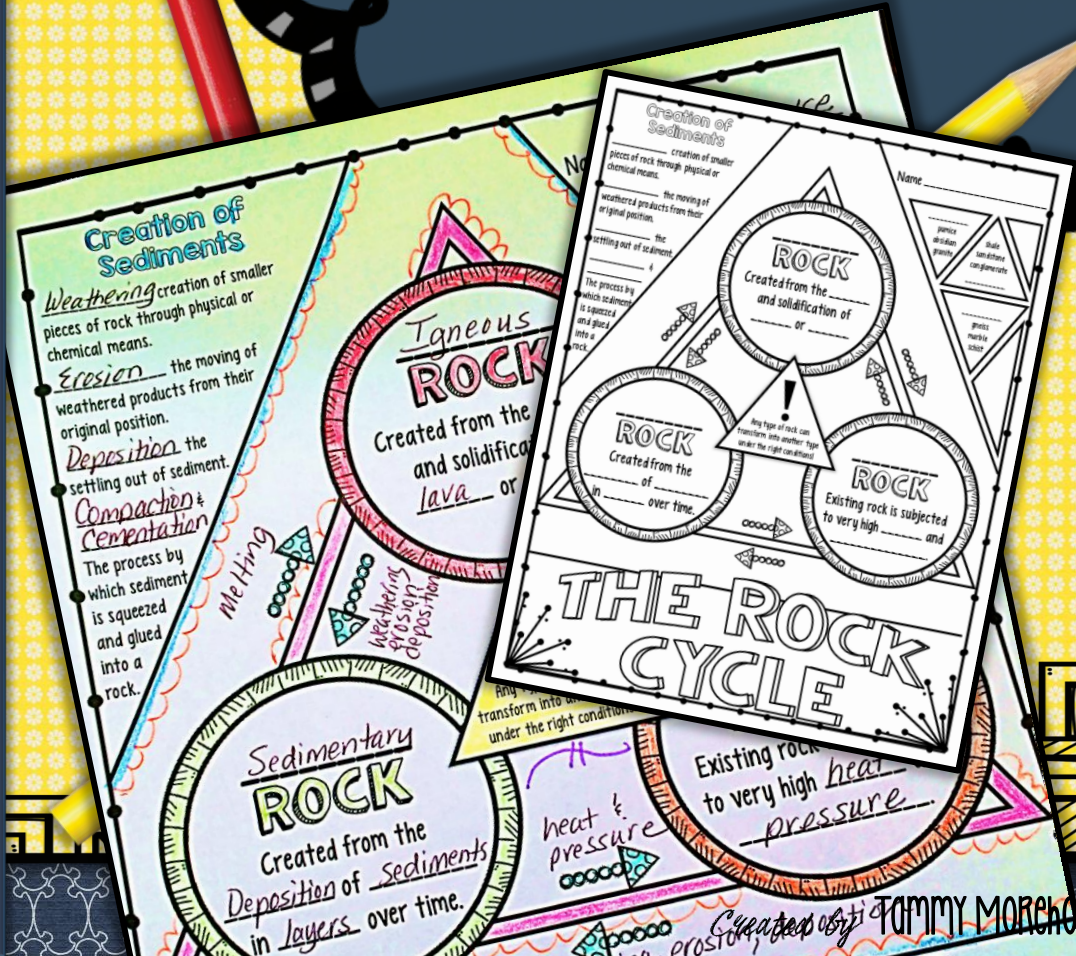


# Middle School



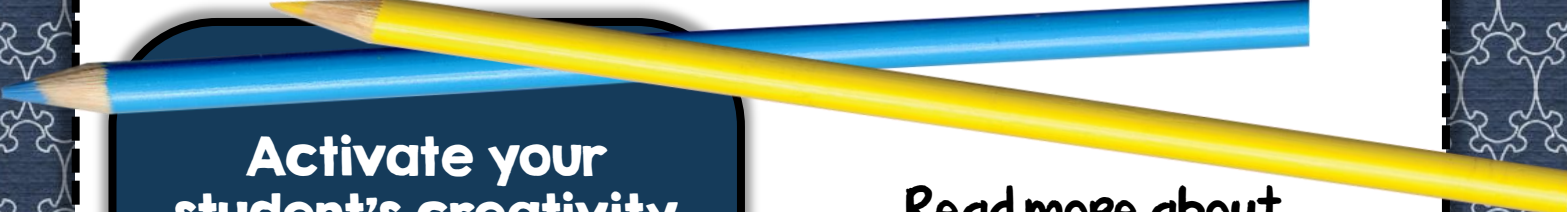
## Rock Cycle DOODLE NOTES





# Why use Doodle Notes in *your* science class?

- ✓ Increased focus
- ✓ Better retention of material
- ✓ Stronger learning ability for new content
- ✓ Relaxation, decreased stress levels
- ✓ Activates both sides of the brain simultaneously for cross-lateral learning



**Activate your student's creativity by encouraging them to use markers, crayons, or colored pencils to doodle, copy notes, highlight important vocabulary, and add their own notes.**

Read more about maximizing communication between both hemispheres of your student's brains on [Math Giraffe's blog](#). It contains interesting research information about the real benefits of including coloring and doodling in science and math.

# Creation of Sediments

\_\_\_\_\_ creation of smaller pieces of rock through physical or chemical means.

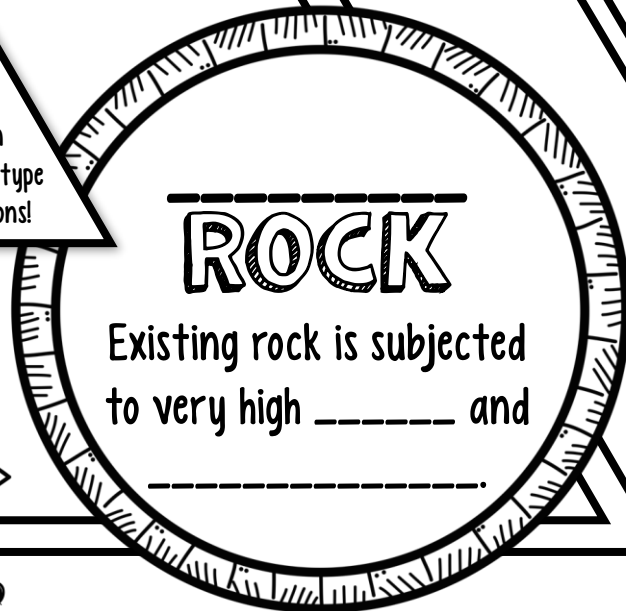
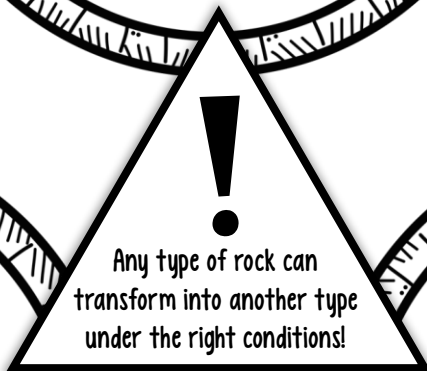
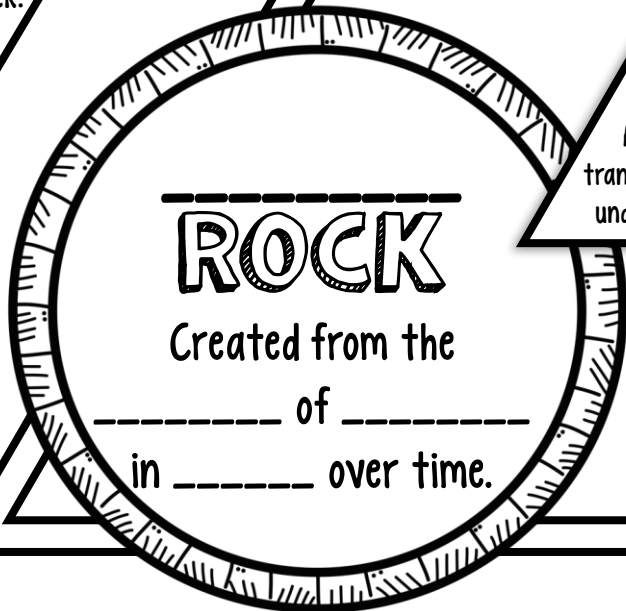
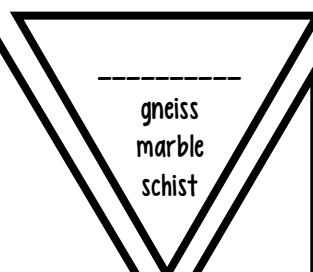
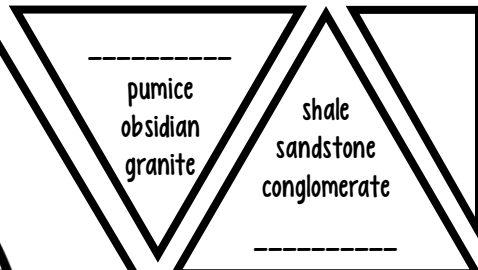
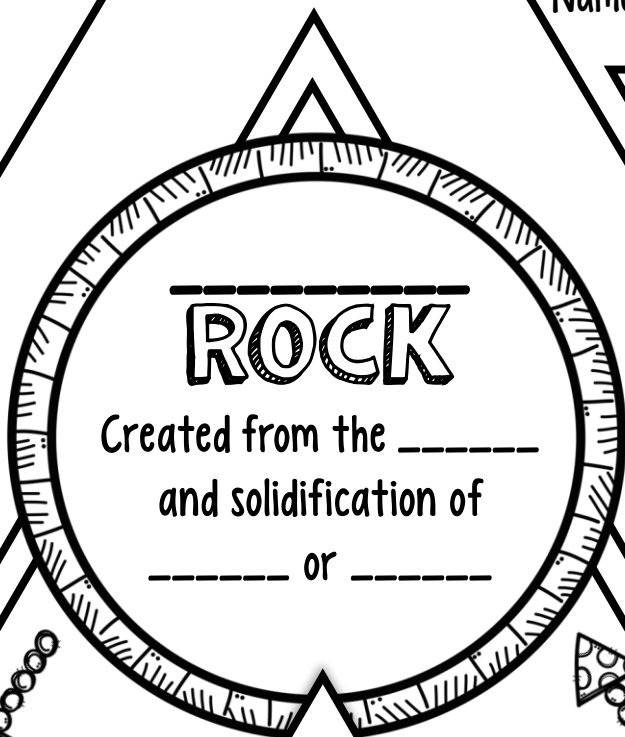
\_\_\_\_\_ the moving of weathered products from their original position.

\_\_\_\_\_ the settling out of sediment.

\_\_\_\_\_ &

The process by which sediment is squeezed and glued into a rock.

Name \_\_\_\_\_



# THE ROCK CYCLE



## Creation of Sediments

weathering creation of smaller pieces of rock through physical or chemical means.

erosion the moving of weathered products from their original position.

deposition the settling out of sediment.

compaction & cementation

The process by which sediment is squeezed and glued into a rock.

Name \_\_\_\_\_ **Teacher Key**

### IGNEOUS ROCK

Created from the cooling and solidification of magma or lava

#### igneous

pumice  
obsidian  
granite

shale  
sandstone  
conglomerate

#### sedimentary

#### metamorphic

gneiss  
marble  
schist

melting

weathering,  
erosion, &  
deposition

melting

Heat &  
Pressure

### SEDIMENTARY ROCK

Created from the deposition of sediments in layers over time.

### METAMORPHIC ROCK

Existing rock is subjected to very high heat and pressure

Any type of rock can transform into another type under the right conditions!

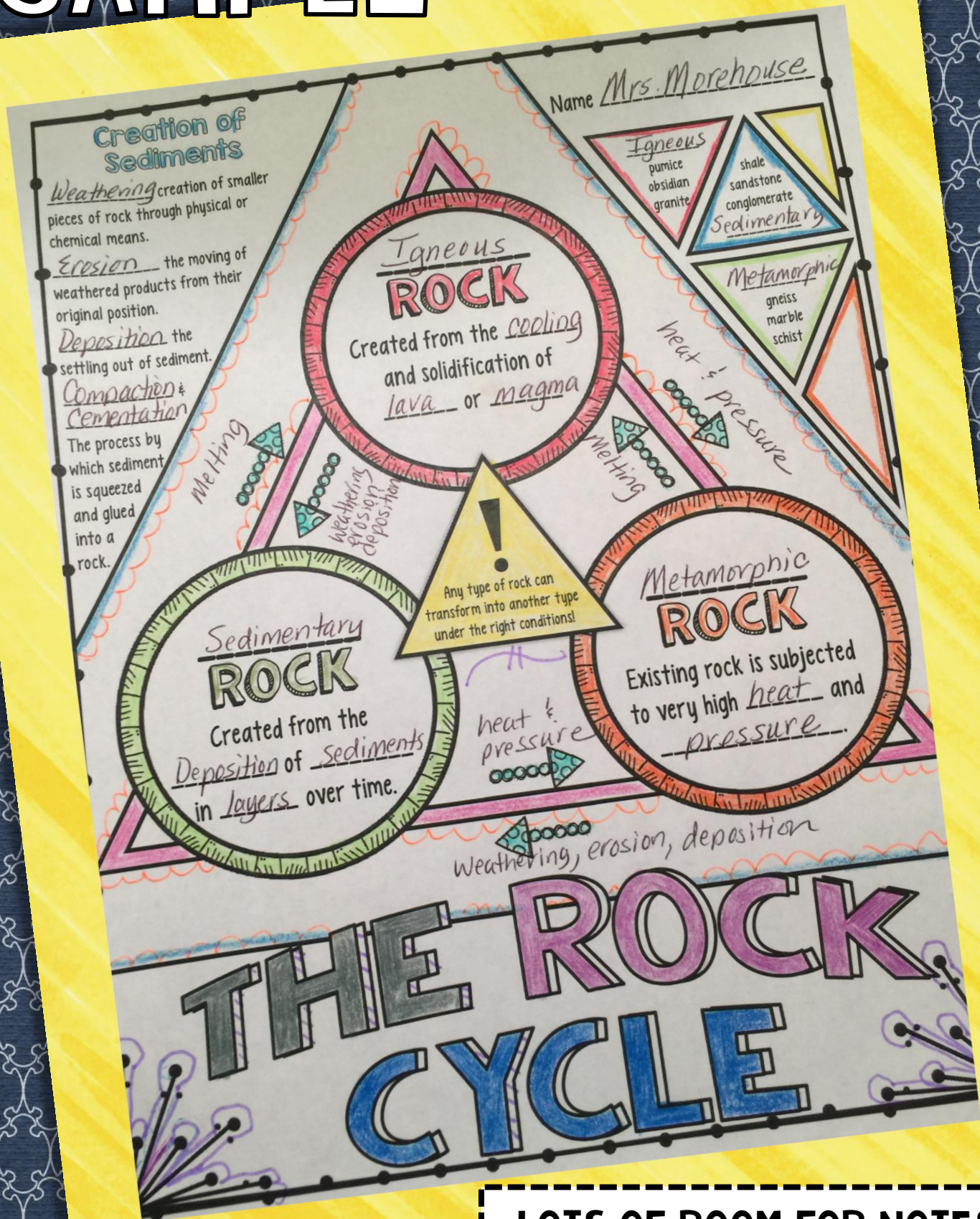
Heat &  
Pressure

weathering, erosion, & deposition

# THE ROCK CYCLE



# SAMPLE



LOTS OF ROOM FOR NOTES  
AND EVEN ADDITIONAL  
NOTES AND DOODLES!



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