

Name \_\_\_\_\_

Date \_\_\_\_\_



# Roger the Rock

Take what you know about the rock cycle and write a children’s book or comic strip. The story should describe one rock’s journey as it changes into each of the three rock types. The following vocabulary words must be used and explained in language that a second grader will understand:

- |                    |                  |                       |                    |                 |
|--------------------|------------------|-----------------------|--------------------|-----------------|
| <b>igneous</b>     | <b>extrusive</b> | <b>composition</b>    | <b>deposition</b>  | <b>pressure</b> |
| <b>metamorphic</b> | <b>magma</b>     | <b>solidification</b> | <b>compaction</b>  | <b>melt</b>     |
| <b>sedimentary</b> | <b>lava</b>      | <b>weathering</b>     | <b>cementation</b> | <b>cool</b>     |
| <b>intrusive</b>   | <b>texture</b>   | <b>erosion</b>        | <b>heat</b>        | <b>cycle</b>    |

*Make your story creative. Describe how your rock feels at each stage of the rock cycle.*

## Rubric:

✓	Requirement	Points	Points Earned	Comments
	Accurate description of sedimentary rock formation.	10		
	Accurate description of igneous rock formation.	10		
	Accurate description of metamorphic rock formation.	10		
	Twenty vocabulary words are used in the story.	20		
	Twenty words are clearly explained.	20		
	The story is creative.	10		
	Feelings are described at each stage of the rock cycle.	10		
	Presentation is neat and colorful.	10		

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**Outline your story. Decide what order you want to go through the rock cycle:**

A. Starting rock type: \_\_\_\_\_

a. Located where? \_\_\_\_\_

b. What is your name? \_\_\_\_\_

c. Who are you with? \_\_\_\_\_

d. What happens? How does your rock begin to change?

\_\_\_\_\_  
\_\_\_\_\_

e. How does your rock feel when this is happening?

\_\_\_\_\_  
\_\_\_\_\_

B. Then your rock becomes: \_\_\_\_\_

a. Where is it now? \_\_\_\_\_

b. What happens? How does your rock begin to change?

\_\_\_\_\_  
\_\_\_\_\_

c. How does your rock feel when this is happening?

\_\_\_\_\_  
\_\_\_\_\_

C. Then your rock becomes: \_\_\_\_\_

a. Where is your rock now?

\_\_\_\_\_

b. What happens? (How does your rock change into the rock you started with.)

\_\_\_\_\_  
\_\_\_\_\_

c. Where does your rock finally end up?

\_\_\_\_\_