

## CFA #2: 6<sup>th</sup> Grade Science

Eligible Content - S8.D.1.1.1 Explain the rock cycle as changes in the solid earth and rock types (igneous – granite, basalt, obsidian, pumice; sedimentary – limestone, sandstone, shale, coal; and metamorphic – slate, quartzite, marble, gneiss).

Content/Targets	Level of Cognitive Demand				What will proficiency look like?
	Knowledge Retrieval	Comprehension Application	Analysis	Synthesis Evaluation	
Represent the rock cycle in a diagram	3 blanks on the rock cycle diagram				2 out of the 3 blanks are answered correctly
Use information from the lesson to explain how the rock cycle changes Earth's surface. (Summarizing)			1 open ended question		"proficiency on the rubric"

### Rubric for Analysis Question

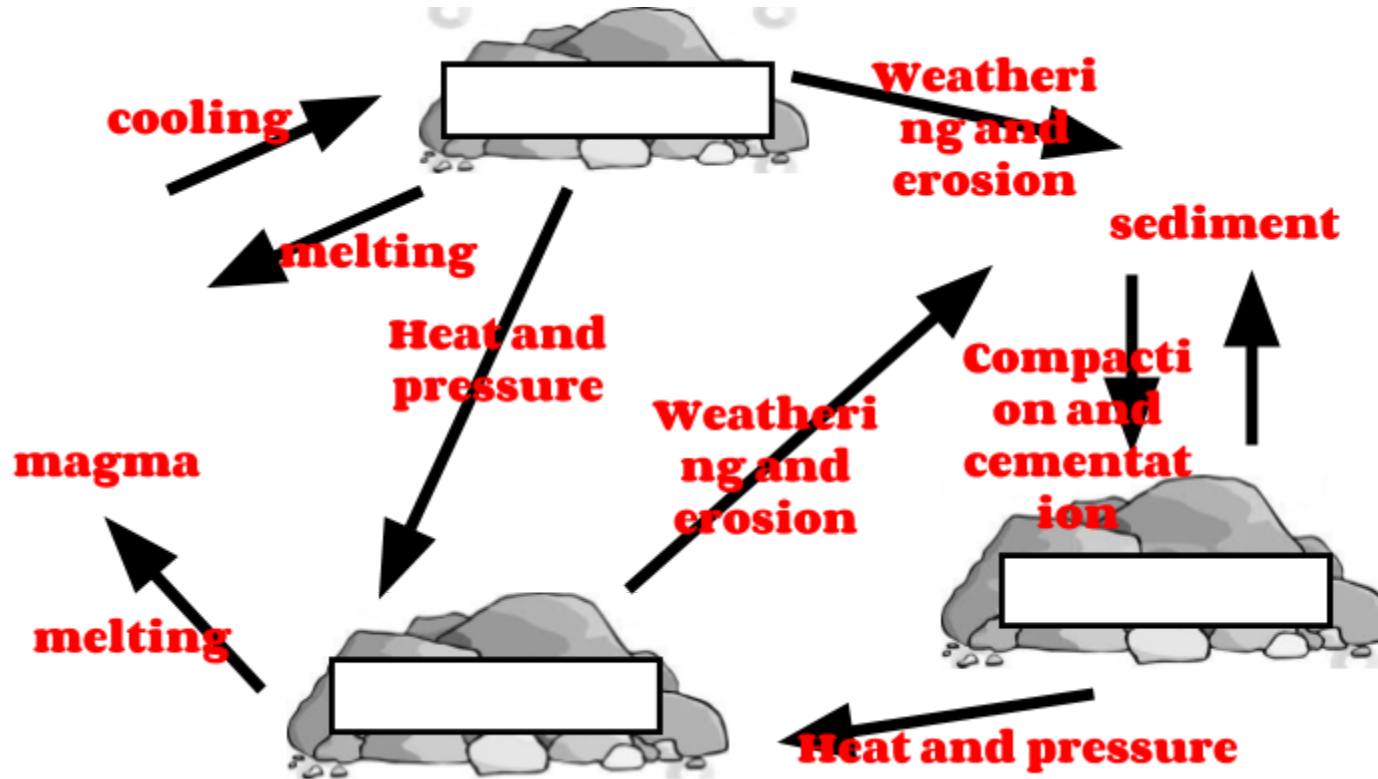
Learning Target	Beyond Proficient	Proficient	Partially Proficient	Not Proficient
Use information from the lesson to explain how the rock cycle changes Earth's surface. (Summarizing)	-All 3 types of rocks are mentioned.  AND  -3 or more accurate facts are given about the rock cycle.	-All 3 types of rocks are mentioned.  AND  -2 accurate facts are given about the rock cycle.	-All 3 types of rocks are mentioned.  AND  -1 accurate fact is given about the rock cycle.	Students only gave 1 correct fact about the rock cycle.  Student did not answer the question.

rock cycle is continuous

**Examples of accurate facts:** all 3 types of rocks can change into any other type of rock  
changes from 1 rock type to another may take thousands or millions of years

### Checkpoint Ch 7 Lesson 3: ROCK CYCLE

Fill in the blanks with the type of rock that is formed.



4. Using the diagram above, interpret the process of the rock cycle. Include the 3 rock types, and at least 2 facts about the rock cycle.

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### Timeline (continued)

1. Pre-Assessment: SLO (already done)
2. Team Planning Meeting (already done)
  - Day 6 (Tues 12/5): Teach Targets 3-4
  - Day 2 (Wed 12/6): Teach Targets 3-4
  - Day 3 (Thurs 12/7): Teach Targets 3-4  
CFA #2 (checkpoint)
  - Day 4 (Fri 12/8): Response day: enrich proficient learners and reteach  
nonproficient learners  
Remediate selected students during E/I time
  - Day 5 (Mon 12/11): Lesson 3 QUIZ (Targets 3-4)