

WHAT DONE IT?: SAMPLE STUDENT PRODUCTS

Case file worksheet (2 pages), illustration of rock cycle, self/peer evaluation, completed rubric: Exceptional Example

What Done It?
Jennifer J. Pokorny & Yasmine M. McKenzie

Worksheet: Case files

Case 1: The rock looked like it was made of other rock fragments, some of which were fairly large. The pieces in the rock were rounded, like pebbles or cobble.

Rock name: Conglomerate Number: 10
Rock type: Sedimentary

Case 2: This rock had very distinct bands and looked like it had layers of different minerals. In a past life it used to be granite.

Rock name: Gneiss Number: 37
Rock type: Metamorphic

Case 3: The rock was very dark and made of fine-grains. The only way I could see the grains was with a microscope – not just with my eye or even with a magnifying glass.

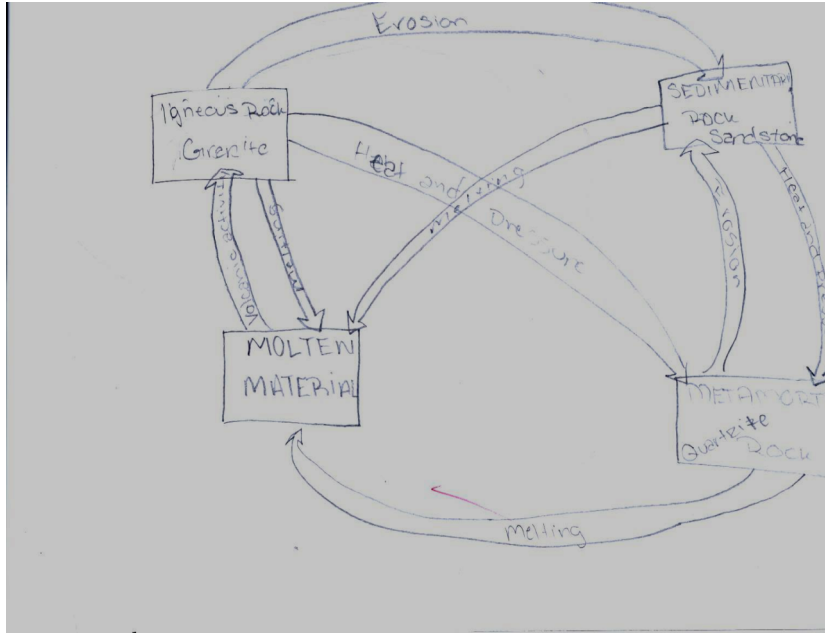
Rock name: Basalt Number: 7
Rock type: Igneous

Case 4: The rock was dark in color, black even, and was foliated. I know this because I dropped it against a table edge and a thin sheet split off.

Rock name: Slate Number: 21
Rock type: Metamorphic

Case 5: The rock was very hard and strong. It also had a fossil of something that looked like a fish in it! I accidentally spilled some vinegar on it when I was making a salad later and it made the rock fizz.

Rock name: limestone Number: 1
Rock type: Sedimentary



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Self/Peer Evaluation

Individual

Name _____

Period 3rd

Scale 1-10 (1 = low, 10 = high)

- 1. I participated in the group 10
- 2. I completed my portion of the assignment 10
- 3. I listened to my group members suggestions 10
- 4. I learned information about the rock cycle 10

Group

Answer questions 1-3 for each of your group members

Scale 1-10 (1 = low, 10 = high)

Name	Score Q1 – Participation	Score Q2 – Complete assignment	Score Q3 – Listen to suggestions
	10	10	10
	1	1	1
	8	7	4

How would you rate this activity overall _____

Would you like to do another activity like this again _____

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Grading Rubric:

9/12/07

Categories	Score	1	2	3	4
Worksheet	4	Less than 6 questions completed	6-9 questions completed with some errors	All questions completed with 1-3 errors	Each question completed correctly with all points addressed
Rock cycle illustration / diagram	4	Missing stages of the cycle, no explanations, incorrect information	Missing stages of the cycle or explanations of cycle changes/ processes	All stages of cycle included, some information is missing or incorrect	All parts of cycle included (stages, processes) and explained clearly, correctly, and creatively
Group participation	4	Self/peer and facilitator evaluation with average score of 1-2	Self/peer and facilitator evaluation with average score of 3-4	Self/peer and facilitator evaluation with average score of 5-7	Self/peer and facilitator evaluation with an average score of 8-10

12/12 100 A
Excellent work!
clear, accurate & neat.

Case files worksheet (2 pages, 10 samples) is completed and all are correct. The rock cycle illustration included all stages and explanations of changes as well as using the examples granite, sandstone and quartzite. The self/peer evaluation was also complete and received a good score from self and peers.

Case file worksheet (2 pages), illustration of rock cycle, completed rubric: Mediocre Example

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Case 6: This rock was very hard and had small crystals in it. It broke through the window and the break was very nice, right along the grain.

Rock name: Rock salt X Number: 1
Rock type: Sedimentary

Case 7: This rock was very hard and strong and had many different sizes. I could tell that it probably used to be limestone but then was subjected to high pressure.

Rock name: igneous rock X Number: 7
Rock type: Basalt

Case 8: This rock was made up of 4 different minerals which were quartz, mica and hornblende but I'm not sure I could tell that there was quartz, mica and hornblende but I'm not sure mineral.

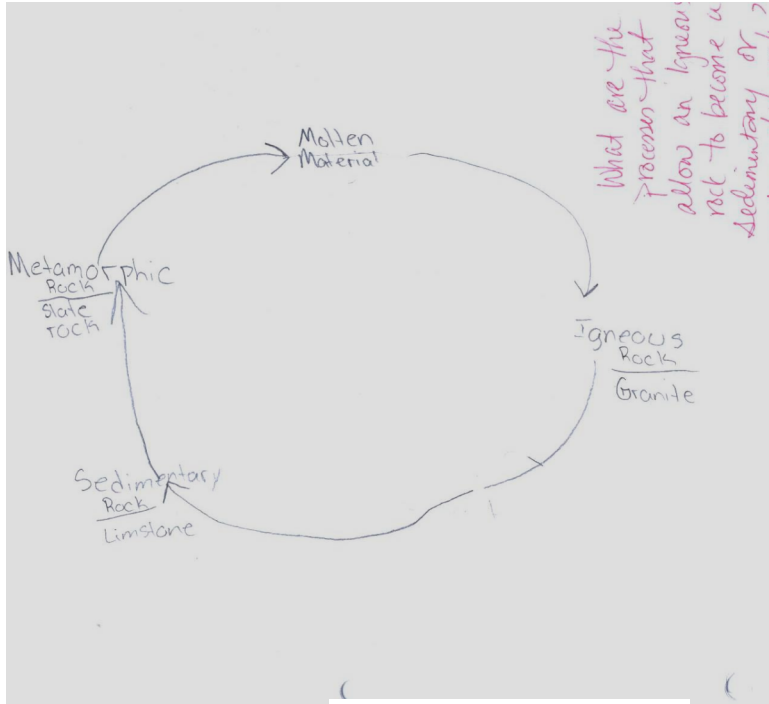
Rock name: Granite ✓ Number: 40
Rock type: igneous rock ✓

Case 9: The rock looked like it was made of tiny grains of quartz. I think this rock is formed in oceans, lakes and rivers...

Rock name: ? Number: 10
Rock type: _____

Case 10: This rock looked almost like a crystal. My mother told me that it was likely made up of halite and formed when water evaporated.

Rock name: ? Number: _____
Rock type: _____



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Grading Rubric:

Categories	Score	1	2	3	4
Worksheet	2 1/2	Less than 6 questions completed	6-9 questions completed with some errors	All questions completed with 1-3 errors	Each question completed correctly with all points addressed
Rock cycle illustration / diagram	2	Missing stages of the cycle, no explanations, incorrect information	Missing stages of the cycle or explanations of cycle changes/ processes	All stages of cycle included, some information is missing or incorrect	All parts of cycle included (stages, processes) and explained clearly, correctly, and creatively
Group participation	4	Self/peer and facilitator evaluation with average score of 1-2	Self/peer and facilitator evaluation with average score of 3-4	Self/peer and facilitator evaluation with average score of 5-7	Self/peer and facilitator evaluation with an average score of 8-10

8 1/2 / 12 = 70% D

- Complete the assignment as instructed and fully.
- You are more than capable of excellent work. Don't let this be your displayed effort.

Case files worksheet (2 pages, 10 samples) is not completed, some are missing, and some are incorrect. The rock cycle illustration included all stages but did not provide explanations of changes. They also did not use the rock examples provided as well as using the examples granite, sandstone and quartzite, instead using their own. The self/peer evaluation was missing but other members rated the student as participating.