

Name: _____

Class Period: _____

How does energy from Earth's interior play a role in the rock cycle? What type of rock(s) does this energy help to form?

- Heat from Earth's Interior melts rock into magma. When magma crystallizes it forms igneous rock.
- Heat from Earth's interior & intense pressures soften rock allowing changes to occur, forming metamorphic rock.

We have spent this week learning about weathering and erosion, the two processes that continually change and shape the landforms on Earth. Where does the energy that powers these forces come from? Be sure to justify your response with details from class discussion, notes, labs, and demonstrations. You may use your INB as a resource!

- The energy comes from the sun
- Sun's energy powers the water cycle
- " " " " wind
- Water & wind cause weathering & erosion
- Ice wedging, acid rain, sand blasting, etc.
Abrasion, etc

How does energy from the sun play a role in the rock cycle? What type of rock is formed when these processes occur?

- Energy from sun causes weathering & erosion by powering wind & the water cycle.
- Weathering breaks down landforms/rocks into sediments, erosion moves sediment
- When sediments are compacted & cemented together they form sedimentary rock.