



## Science Toolkit: Grade 6 Objective 2.A.4.d

Student Handout: Science: Grade 6 Objective 2.A.4.d

Standard 2.0 Earth/Space Science

Topic A. Materials and Processes That Shape A Planet

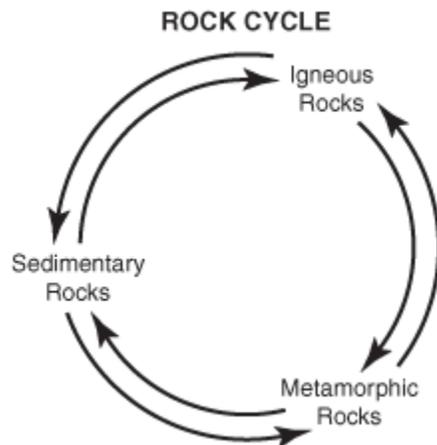
Indicator 4. Differentiate among sedimentary, igneous, and metamorphic rocks based upon the processes by which they are formed.

Objective d. Cite features that can be used as evidence to distinguish among the three types of rocks and relate these features to the processes that form each rock type.

Selected Response (SR) Item

Question

The rock cycle is a process that alters sedimentary, metamorphic, and igneous rocks. The diagram below shows the rock cycle.



Which process forms igneous rock?

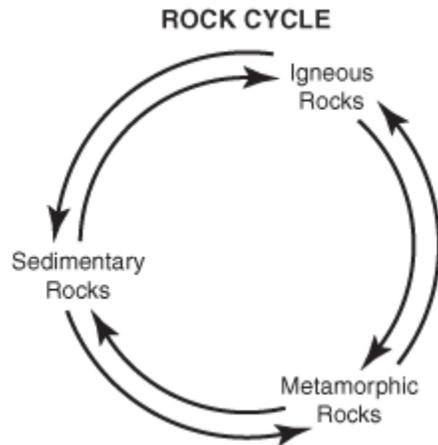
- A. weathering of rock
- B. cooling of liquid magma
- C. heat and pressure changing solid rock
- D. compaction and cementation of loose material

Correct Answer

B. cooling of liquid magma

## Question

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