

Name: _____

Date: _____

Student Exploration: Rock Cycle

Vocabulary: deposition, erosion, extrusive igneous rock, intrusive igneous rock, lava, lithification, magma, metamorphic rock, rock cycle, sediment, sedimentary rock, soil, weathering

Prior Knowledge Questions (Do these BEFORE using the Gizmo.)

1. What happens to hot **lava** after it erupts from a volcano? It cools and hardens into rock

2. How does rock turn into **soil**? It is weathered by mechanical or chemical means

3. The Mississippi River carries tons of tiny rock fragments called **sediments** into the Gulf of Mexico. What do you think will happen to these sediments after a few million years?
Turns into Sedimentary rock

Gizmo Warm-up

Over millions of years, rocks are broken down and transformed into other rocks. The *Rock Cycle* Gizmo™ illustrates the different transformations that make up the **rock cycle**. Before exploring the Gizmo, take a look at the image.



1. What types of rocks are shown? Intrusive and Extrusive igneous, Metamorphic and Sedimentary rock
2. **Magma** is molten (liquid) rock under Earth's surface. Based on the image, how do you think magma turns into **extrusive igneous rock**? Magma cools and hardens on the surface
3. Click **Extrusive igneous rock** button to the right of the image. Were you correct? Yes

Rock Cycle Gizmo Answers

**Thirumalaisamy P.
Velavancorresponding**



Rock Cycle Gizmo Answers:

Unveiling the Power of Verbal Beauty: An Psychological Sojourn through **Rock Cycle Gizmo Answers**

In some sort of inundated with screens and the cacophony of fast communication, the profound energy and psychological resonance of verbal art usually diminish into obscurity, eclipsed by the constant barrage of noise and distractions. However, located within the musical pages of **Rock Cycle Gizmo Answers**, a interesting function of literary elegance that pulses with fresh emotions, lies an unique journey waiting to be embarked upon. Written by a virtuoso wordsmith, that enchanting opus manuals viewers on a psychological odyssey, softly revealing the latent possible and profound impact stuck within the elaborate internet of language. Within the heart-wrenching expanse of the evocative analysis, we will embark upon an introspective exploration of the book is main themes, dissect its interesting writing fashion, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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