

Name _____

Unraveling Earth's Puzzle: The Significance of the Rock Cycle in Understanding Geological History

Multiple Choice Questions

1. What is the rock cycle?
 - a) A puzzle-solving game
 - b) A never-ending process of rock transformation
 - c) A type of dance performed by rocks
 - d) A method of studying the stars

2. What is the first step in the rock cycle?
 - a) Metamorphism
 - b) Weathering and erosion
 - c) Formation of sedimentary rocks
 - d) Formation of igneous rocks

3. How do sedimentary rocks record Earth's history?
 - a) By containing hidden messages
 - b) By creating new landscapes
 - c) By forming layers that record past events
 - d) By fossilizing ancient creatures

4. What happens to sedimentary rocks when they undergo metamorphism?
 - a) They turn into igneous rocks
 - b) They remain unchanged
 - c) They get a makeover and become metamorphic rocks
 - d) They melt into magma

5. Why is the rock cycle significant in understanding Earth's geological history?
 - a) It's a game that scientists play with rocks.
 - b) It helps scientists determine the age of rocks.
 - c) It's a dance routine performed by rocks.
 - d) It provides insights into how rocks transform and the events they've witnessed.

