

Name _____

The Rock Cycle: A Journey Through Earth's Rock Transformations

Multiple Choice Questions

1. What is the main driving force behind the formation of sedimentary rocks?
 - a) Heat and pressure
 - b) Accumulation and compression of sediments
 - c) Rapid cooling of magma
 - d) Volcanic eruptions

2. Which type of rock forms deep within the Earth's crust due to heat and pressure?
 - a) Sedimentary rocks
 - b) Igneous rocks
 - c) Metamorphic rocks
 - d) Volcanic rocks

3. What role do weathering and erosion play in the rock cycle?
 - a) They create magma and lava.
 - b) They break down rocks into sediments.
 - c) They cause volcanic eruptions.
 - d) They change the mineral composition of rocks.

4. Which rock type starts the rock cycle?
 - a) Sedimentary rocks
 - b) Igneous rocks
 - c) Metamorphic rocks
 - d) Sediments

5. What can fossils found in sedimentary rocks reveal?
 - a) The age of the rock
 - b) Clues about ancient life forms
 - c) The temperature of the Earth's core
 - d) The type of weathering that occurred

