



Rocks and Minerals

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

Limestone is an igneous rock that forms when a volcano erupts and lava cools quickly.

Rewrite: _____

2. Fix the sentence:

The rock cycle ends when a rock becomes metamorphic because it cannot change again.

Rewrite: _____

3. Fix the sentence: Minerals are identified only by their color because each mineral has a unique color.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Melted rock below Earth's surface is called _____ .
2. Melted rock that reaches Earth's surface is called _____ .
3. The color of the powder a mineral leaves on a white tile is called its _____ .
4. The way a mineral reflects light is called its _____ .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Describe how a sedimentary rock could become a metamorphic rock.

2. Why do geologists use streak instead of just color to identify a mineral?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

Limestone is an igneous rock that forms when a volcano erupts and lava cools quickly.

Rewrite: **Limestone is a sedimentary rock that forms when shells, coral, and other materials settle on the ocean floor and are compressed over time.**

2. Fix the sentence:

The rock cycle ends when a rock becomes metamorphic because it cannot change again.

Rewrite: **The rock cycle never ends. A metamorphic rock can melt to form igneous rock or break down into sediment that becomes sedimentary rock.**

3. Fix the sentence: Minerals are identified only by their color because each mineral has a unique color.

Rewrite: **Minerals are identified by several properties including hardness, luster, streak, and color, because different minerals can share the same color.**

Part B: Fill in the Blank

Write the missing word or number on each line.

- Melted rock below Earth's surface is called magma .
- Melted rock that reaches Earth's surface is called lava .
- The color of the powder a mineral leaves on a white tile is called its streak .
- The way a mineral reflects light is called its luster .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Describe how a sedimentary rock could become a metamorphic rock.

A sedimentary rock can be pushed deep underground by Earth movements. The intense heat and pressure at that depth change its structure and minerals, turning it into a metamorphic rock.
