

Mountains Are Made of Rock and Soil

Grade 1

Science

Nonfiction

Mountains Theme

~133 words

NGSS.2-ESS2-3

Name: _____ Date: _____

READ — READ THIS PASSAGE CAREFULLY. YOU MAY READ IT TWICE.

Mountains are very tall landforms made of different earth materials. The main materials that make up mountains are rock and soil. Rock is hard and strong. It forms over many, many years deep under the ground. Soil is made of tiny pieces of rock and dead plants mixed together. Both rock and soil are natural materials that come from the Earth. Mountains grow when layers of rock push up from below the ground. This takes thousands of years to happen. The rocks in mountains can be many different colors like gray, brown, and red. Animals and plants live on mountains because soil helps plants grow. Rocks protect the soil from washing away. Mountains teach us that Earth is always changing. These amazing landforms show us the different materials that make up our planet.

Tip: Read the passage twice before turning to the questions on the next page.

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Questions

→ **ANSWER** USE THE PASSAGE ON PAGE 1 TO HELP FIND YOUR ANSWERS.

MAIN IDEA

1. What is this passage mostly about?

TEXT EVIDENCE

2. According to the passage, what are the two main materials that make up mountains?

VOCABULARY

3. What does the word 'landforms' mean in this passage?

INFERENCE

4. Why do you think mountains take a very long time to form?

CAUSE AND EFFECT

5. What happens because rocks protect the soil on mountains?

TEXT EVIDENCE

6. How does the passage say soil is made?

✓ ANSWER KEY — Mountains Are Made of Rock and Soil

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TEACHER / PARENT USE ONLY — Suggested answers shown below each question

Mountains are very tall landforms made of different earth materials. The main materials that make up mountains are rock and soil. Rock is hard and strong. It forms over many, many years deep under the ground. Soil is made of tiny pieces of rock and dead plants mixed together. Both rock and soil are natural materials that come from the Earth. Mountains grow when layers of rock push up from below the ground. This takes thousands of years to happen. The rocks in mountains can be many different colors like gray, brown, and red. Animals and plants live on mountains because soil helps plants grow. Rocks protect the soil from washing away. Mountains teach us that Earth is always changing. These amazing landforms show us the different materials that make up our planet.

MAIN IDEA

1. What is this passage mostly about?

This passage is mostly about what mountains are made of and how rock and soil form mountains.

TEXT EVIDENCE

2. According to the passage, what are the two main materials that make up mountains?

The passage states that mountains are made of rock and soil, which are the two main earth materials.

VOCABULARY

3. What does the word 'landforms' mean in this passage?

A landform means a natural shape or feature of the Earth, like a mountain.

INFERENCE

4. Why do you think mountains take a very long time to form?

Mountains take a long time to form because the layers of rock need thousands of years to push up from deep underground.

CAUSE AND EFFECT

5. What happens because rocks protect the soil on mountains?

Because rocks protect the soil, the soil does not wash away on mountains.

TEXT EVIDENCE

6. How does the passage say soil is made?

The passage explains that soil is made of tiny pieces of rock and dead plants mixed together.