

INFERENCE & EVIDENCE

Q4 · Wk3

Grade 5

How Mountains Are Born: Earth's Amazing Builders

PATIENCE

Great and beautiful things take time and patience to create, and.

preceptor reads aloud

DO THIS

► Read the passage carefully.

READ · read carefully — you will answer questions about this

- 1 Mountains are some of Earth's most beautiful creations, standing tall and proud against the sky. These giants didn't just appear overnight. Instead, they were built slowly over millions of years through an amazing process that shows us how wonderfully our planet works. When we understand how mountains form, we see the incredible design and patience of nature.
- 2 Deep beneath our feet, Earth's outer shell is cracked into huge pieces called tectonic plates. These plates are like giant puzzle pieces that fit together and cover the entire planet. Most of the time, the plates sit quietly in place. However, these plates are always very slowly moving—just a few inches each year. As they move around, they can slide past each other, pull apart, or crash together.
- 3 When two plates collide and push against each other, something amazing happens. The rock at the edges gets squeezed and pushed upward. Over thousands and thousands of years, this pressing action causes the rock to wrinkle and fold, like when you push two pieces of cloth together. Layer by layer, the land rises higher and higher. This process can take millions of years, but eventually, a mountain is born. The higher the plates push, the taller the mountain grows.
- 4 Rain and rivers also play an important role in shaping mountains. After a mountain forms, water slowly wears away the rock, creating valleys and deep canyons. Wind and ice work too, breaking rocks into smaller pieces and smoothing the mountain's shape. So mountains are constantly changing, even though the changes happen very slowly. What we see today is just one moment in a mountain's long, long story.

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READ (continued) • keep reading

- 5 Some of Earth's tallest mountains, like the Himalayas, are still growing today! This tells us that mountain building is not something that happened only in the past. It is happening right now, all around our planet. When we stand on a mountain and look around at its beauty, we can think about all the amazing forces working beneath us. Mountains remind us that Earth is alive, changing, and full of wonders worth exploring and protecting.

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DO THIS

► Use what the text says and what you know to figure out more.

HOW TO INFER • read this worked example — see how the clues fit together

THE TEXT SAYS . . .

Most of the time, the plates sit quietly in place... they can slide past each other, pull apart, or crash together" and "the plates are always very slowly moving—just a few inches each year.

WHAT I KNOW . . .

Small movements add up over a very long time to create big changes.

SO I INFER . . .

Because the plates move only a few inches each year, so even though they are always in motion, the changes happen extremely slowly, taking millions of years for noticeable mountains to build up.

YOUR TURN • read the question and write your inference

What does the author mean when it says that mountains remind us 'Earth is alive'?

WHICH WORDS HELPED YOU KNOW? • copy the evidence from the passage

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YOUR TURN • read the question and write your inference

What does the author mean when it says that mountains remind us 'Earth is alive'?

The author means that Earth is constantly changing and active, with forces still working beneath us today to shape the planet, rather than being a static or dead object.

WHICH WORDS HELPED YOU KNOW? • copy the evidence from the passage

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