Streamside Clues

Use observations to compare Earth materials.

E.2.10.1 "Use informational text, other media, and first-hand observations to investigate, analyze, and compare the properties of Earth materials (including rocks, soils, sand, and water)."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline one sentence about the rock and circle one sentence about sand. Write 1 and 2 beside two sentences that compare Earth materials.

What Nia Noticed

1. At the stream, Nia picked up a rock. It felt hard and kept its shape in her hand. She held a scoop of sand. Its tiny grains slid between her fingers, but the rock stayed in one piece.

2. Near the stream, Nia dug into soil. The soil had dark bits and tiny pieces of leaves. Some of it clumped in her hand. Sand was dry and loose, so it did not clump like that soil.

3. Then Nia poured clear water from her bottle into a cup. Water flowed and took the shape of the cup. The rock did not flow. Nia could see through the water, but she could not see through the rock, sand, or soil.

2 ANSWER WITH EVIDENCE

Use the passage

1. How did the rock and sand act differently in Nia's hand?

2. How were the soil and sand different when Nia held them?

3. How was the water in the cup different from the rock Nia held?

3 YOUR TURN

Your own words

Look closely at two real Earth materials your teacher gives you. Name both and write two sentences comparing at least two things you can see, feel, or test by gently moving them.

ANSWER KEY

Streamside Clues

GRADE 2 · E.2.10.1

PART 1 · READ AND MARK

Underline one sentence about the rock and circle one sentence about sand. Write 1 and 2 beside two sentences that compare Earth materials. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	How did the rock and sand act differently in Nia's hand?	**The rock stayed in one piece, but the sand grains slid between her fingers.**
2	How were the soil and sand different when Nia held them?	**Some soil clumped in her hand, but the dry sand did not clump.**
3	How was the water in the cup different from the rock Nia held?	**The water flowed and took the cup's shape, but the rock did not flow and kept its shape.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

My pebble is gray and smooth, but the soil is dark brown and grainy. The pebble stays in one piece when I press it, while the soil breaks into small clumps.

For the marking job, accept any accurate rock and sand facts and two sentences that compare materials. For Your Turn, accept observations that fit the two materials the student examined.