# Hold That Soil

Compare ways to slow wind and water

**2.11** "Evaluate multiple solutions designed to slow or prevent wind or water from changing the shape of Earth's surface."

NAME _____ DATE _____

## 1 READ AND MARK

Read it twice

**YOUR JOB** Circle the four ways to protect the land. For each way, underline one detail that shows how it helps and one detail that shows a limit.

### A Plan for Pine School

1. At Pine School, rain washes soil down a bare hill. Wind blows loose sand across the play yard. Both can change the land. The class looks for ways to keep soil and sand where they are.

2. For the hill, one group wants to plant grass. Grass roots hold soil, but grass needs time to grow. Another group wants to lay stones in rows across the hill. Stones slow the water right away, but gaps may let soil wash through.

3. For the sandy yard, a short fence can block some wind right away. But wind can still blow sand around its ends. Planting shrubs can slow wind, too. Their roots also hold sand, but the shrubs need time to grow.

## 2 ANSWER WITH EVIDENCE

Use the passage

1. The hill needs help today. Would you choose grass or stones? Why?

2. The sandy yard needs help today. Would you choose a fence or shrubs? Name one problem with your choice.

3. If the class can wait, why might shrubs be a better choice than a fence for the sandy yard? Give two details from the text.

## 3 YOUR TURN

Your own words

A new park has a bare hill and a windy sand pit. In three sentences, choose one solution for each place, tell how each helps, and explain one limit of each choice.

ANSWER KEY

# Hold That Soil

GRADE 2 · 2.11

## PART 1 · READ AND MARK

Circle the four ways to protect the land. For each way, underline one detail that shows how it helps and one detail that shows a limit. Accept any marking that follows this job and points at the right text.

## PART 2 · ANSWERS

| # | QUESTION | ANSWER |
|---|---|---|
| 1 | The hill needs help today. Would you choose grass or stones? Why? | **Choose stones because they slow the water right away. Grass needs time to grow.** |
| 2 | The sandy yard needs help today. Would you choose a fence or shrubs? Name one problem with your choice. | **Choose the fence because it blocks some wind right away. Wind can still blow sand around its ends.** |
| 3 | If the class can wait, why might shrubs be a better choice than a fence for the sandy yard? Give two details from the text. | **Shrubs slow wind, and their roots hold sand. Wind can blow sand around the ends of a fence.** |

## PART 3 · YOUR TURN (SAMPLE ANSWER)

I would put stones in rows on the hill to slow rainwater, but soil might wash through gaps. I would plant shrubs by the sand pit because they slow wind and their roots hold sand. The shrubs need time to grow, so they will not help right away.

Accept any choice supported by passage evidence, including a different choice for the park, if the response explains how each solution helps and names a limit for each.