

Pines Help Places

Read how plants support communities, animals, air, soil, and water.

2.8 "The student will investigate and understand that plants are important natural resources. Key ideas include the availability of plant products affects the development of a geographic area; plants provide oxygen, homes..."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Number 1 beside a sentence about plant products helping a place grow, 2 beside sentences about plants helping animals or air, and 3 beside sentences about plants protecting land from wind or water.

Pine Ridge

- ① In Pine Ridge, many pine trees grow nearby. People can use wood to build houses and make paper. A sawmill opened because wood was available. Workers and stores came to the area, helping the community grow.
- ② Pine trees also help animals. Their needles and seeds can be food for some animals. Birds may build nests in branches, and squirrels can live in tree holes. Like other green plants, pine trees release oxygen into the air.
- ③ Plants can also protect land near Pine Ridge. Tree roots hold soil in place when rain falls. Grass can slow moving water. Rows of trees can block some wind, so less soil blows away.

2 ANSWER WITH EVIDENCE _____ Use the passage

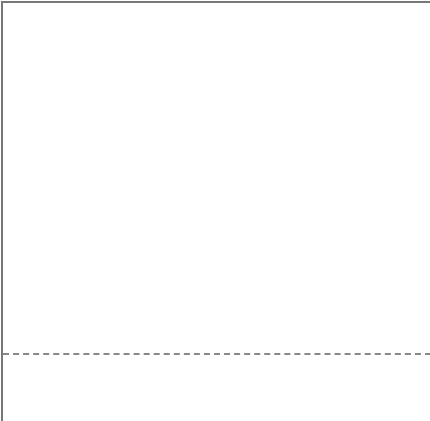
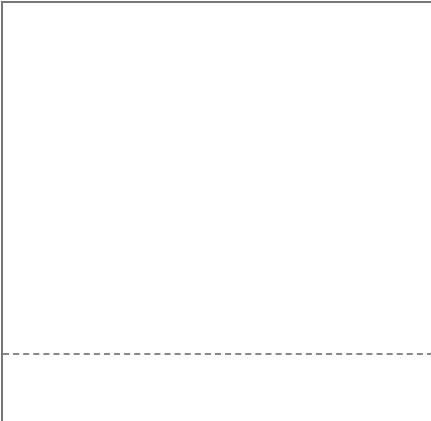
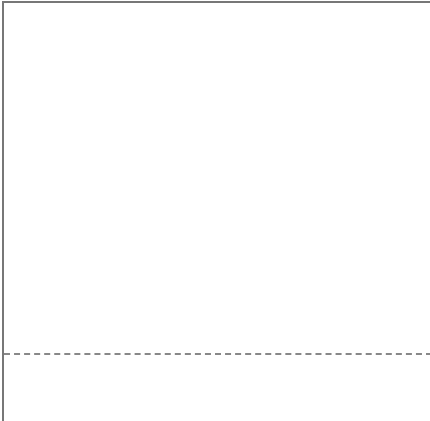
1 Why did a sawmill open in Pine Ridge, and how did it help the community grow?

2 What are two ways pine trees help animals?

3 How do roots, grass, and rows of trees help protect land?

3 YOUR TURN _____ Your own words

Draw three panels about a different place with plants, such as a farm or neighborhood. Show a plant product helping the place grow in Panel 1, plants helping an animal or the air in Panel 2, and plants protecting land from wind or water in Panel 3. Add a label to each panel.

		
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PART 1 • READ AND MARK

Number 1 beside a sentence about plant products helping a place grow, 2 beside sentences about plants helping animals or air, and 3 beside sentences about plants protecting land from wind or water. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Why did a sawmill open in Pine Ridge, and how did it help the community grow?	The sawmill opened because wood was available. It brought workers and stores to the area.
2	What are two ways pine trees help animals?	Pine needles and seeds can be food, and branches or tree holes can be homes for animals.
3	How do roots, grass, and rows of trees help protect land?	Roots hold soil during rain, grass slows moving water, and rows of trees block some wind so less soil blows away.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Panel 1: An apple orchard supplies apples to a cider shop. Label: Apples help the shop serve customers.
Panel 2: A bird builds a nest in an orchard tree. Label: The tree is a home for the bird and releases oxygen.
Panel 3: Grass grows beside a creek after rain. Label: Grass slows water and helps keep soil from washing away.

Accept answers that correctly connect available plant products to community development, plants to animal food or homes and oxygen, and plants to reducing wind or water effects. For the drawing, accept another realistic plant-filled setting with all three labeled connections.