

Meadow to Pond

See how water, food, and plant helpers connect living things.

2.12 "Organisms and environments. The student knows that living organisms have basic needs that must be met through interactions within their environment. The student is expected to: describe how the physical characteristics of environments..."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline words that tell how rain supports living things. Circle each producer, then write 1, 2, and 3 above the living things in each food chain, starting with the producer.

Living Things Work Together

- ① In a meadow, rain soaks soil and fills puddles. Grass and wildflowers grow with water and sunlight. The plants are producers because they make food. Rabbits and foxes are consumers. In a food chain, rabbits eat grass, and foxes eat rabbits.
- ② Bees visit bright flowers to drink nectar. As a bee moves, pollen can stick to its body and reach another flower. This pollination helps the plant make seeds. Later, wind can blow light seeds to new places.
- ③ Near a pond, rain keeps the water from drying up. Pond plants grow there, and ducks eat the plants. A hawk may eat a duck. Water can carry some seeds downstream, where they may grow.

2 ANSWER WITH EVIDENCE _____ Use the passage

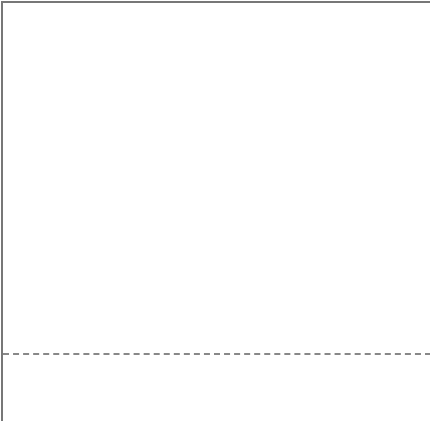
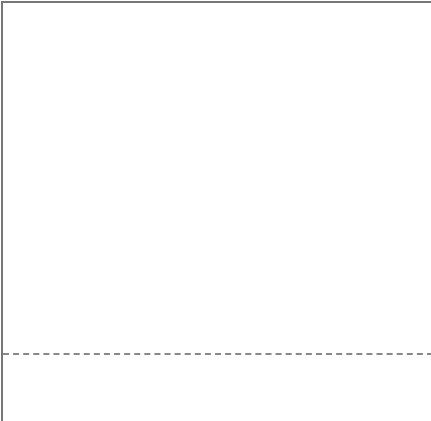
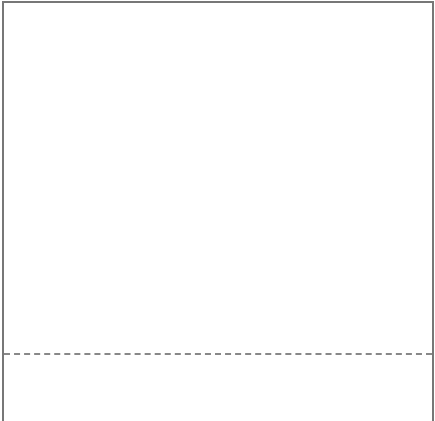
1 How does rain help the meadow support rabbits and foxes?

2 Use arrows to write the meadow food chain. Label the producer and the consumers.

3 How does a bee help a plant, and how does wind help a plant?

3 YOUR TURN _____ Your own words

Create a 3-panel sketch of a new ecosystem. In Panel 1, show how rainfall helps plants and animals. In Panel 2, draw and label a food chain with one producer and two consumers. In Panel 3, show pollination or seeds moving by an animal, wind, or water, then write one sentence explaining the plant's dependence.

		
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PART 1 • READ AND MARK

Underline words that tell how rain supports living things. Circle each producer, then write 1, 2, and 3 above the living things in each food chain, starting with the producer. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	How does rain help the meadow support rabbits and foxes?	Rain gives grass water to grow. Rabbits eat the grass, and foxes eat rabbits.
2	Use arrows to write the meadow food chain. Label the producer and the consumers.	grass (producer) → rabbit (consumer) → fox (consumer)
3	How does a bee help a plant, and how does wind help a plant?	A bee moves pollen to another flower, helping the plant make seeds. Wind blows light seeds to new places.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Panel 1: Rain wets forest soil. Ferns grow, and deer drink from a stream. Panel 2: fern (producer) → deer (consumer) → wolf (consumer) Panel 3: A butterfly carries pollen from one flower to another. The flower depends on the butterfly for pollination.

Accept accurate examples of rainfall supporting plant growth and animal needs. Food chains must begin with a producer and show two consumers in a sensible feeding order; accept pollination or seed movement by a living thing, wind, or water.