

Pond Home Changes

Trace needs, connections, and change in a pond habitat.

2.5 “The student will investigate and understand that living things are part of a system. Key ideas include plants and animals are interdependent with their living and nonliving surroundings; an animal’s habitat provides all of its basic needs...”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the words that tell what a frog needs from its habitat. Circle one change that could make the pond harder for frogs to live in.

A Frog's Pond Home

- ① At a pond, a frog rests on a wet rock. The pond is its habitat, or home. The frog needs water, air, food, and shelter. It eats insects. Plants and rocks give it places to hide from birds.
- ② Frogs depend on living and nonliving things. Insects are living food for frogs. Pond plants give insects places to live, and the plants need sunlight, water, and soil. Water and sunlight are nonliving parts of the pond system.
- ③ One summer, very little rain falls. The pond water gets lower, and some muddy edges dry up. Fewer insects may live near the pond. Frogs may have less food and fewer wet hiding places, so they may need to move.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Name one living thing and one nonliving thing that help frogs in the pond.

2 How do pond plants help frogs get food?

3 Why might frogs need to move after a dry summer?

3 YOUR TURN _____ Your own words

Choose an animal not named in the passage. Write two sentences: tell how its habitat provides a living thing and a nonliving thing it needs, then tell one change that could make living there harder.

PART 1 • READ AND MARK

Underline the words that tell what a frog needs from its habitat. Circle one change that could make the pond harder for frogs to live in. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Name one living thing and one nonliving thing that help frogs in the pond.	A living thing is an insect or a pond plant. A nonliving thing is water, sunlight, air, or a rock.
2	How do pond plants help frogs get food?	Pond plants give insects places to live. Frogs eat the insects.
3	Why might frogs need to move after a dry summer?	Low water can mean fewer insects and fewer wet hiding places. Frogs may need to move to find food and shelter.

PART 3 • YOUR TURN (SAMPLE ANSWER)

A rabbit's grassy field has grass to eat and water to drink. A long drought could dry the field, leaving the rabbit with less grass and water.

Accept any passage-based living and nonliving examples for Questions 1 and 2. For the open response, accept a reasonable animal, habitat needs, and a habitat change with a logical effect.