

Structures Tell Stories

Use evidence to explain how body parts and plant parts help living things.

4-LS1-1 "Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. Clarification Statement: Examples of structures could include thorns, stems, roots..."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline every structure named in the passage. Next to each underlined structure, write every function linked to it: survival, growth, behavior, or reproduction.

Sunflowers and Rabbits

- ① On a sunny morning, a sunflower uses parts above and below the soil. Its roots take in water and minerals and hold the plant in place. Its green stem holds leaves and the flower up toward light. Leaves use light, water, and air to make food. These external structures help the sunflower survive and grow taller over time.
- ② When the sunflower is ready to reproduce, its bright yellow petals help attract bees. A bee visits the flower for nectar and carries pollen from one flower to another. This helps the plant make seeds. The petals and flower are external structures. Their color and shape support a behavior, bee visiting, that helps the sunflower reproduce.
- ③ A rabbit also depends on structures inside its body. Its lungs take in oxygen from air, and its heart moves blood through the body. These internal structures help the rabbit stay alive and move. Outside, long hind legs help it run from danger, and large ears help it hear. The legs and ears support survival and behavior.

2 ANSWER WITH EVIDENCE Use the passage

- 1 Make a claim about how sunflower roots help the plant. Use two details from the passage as evidence.

- 2 How do the sunflower's petals help the plant reproduce? Explain the bee's behavior in your answer.

- 3 Compare the rabbit's lungs and hind legs. Tell which structure is internal and which is external, then explain how each helps the rabbit.

- 4 What evidence shows that structures can support behavior? Name two rabbit structures and tell the behavior each supports.

3 YOUR TURN Your own words

Choose the rabbit or the sunflower. Write exactly three sentences arguing that its structures help it survive, grow, behave, or reproduce. Use at least two structures from the passage and explain what each one does.

PART 1 • READ AND MARK

Underline every structure named in the passage. Next to each underlined structure, write every function linked to it: survival, growth, behavior, or reproduction. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Make a claim about how sunflower roots help the plant. Use two details from the passage as evidence.	Sunflower roots help the plant survive and grow because they take in water and minerals and hold the plant in place.
2	How do the sunflower's petals help the plant reproduce? Explain the bee's behavior in your answer.	Bright petals attract bees. Bees visit for nectar and carry pollen between flowers, helping the sunflower make seeds.
3	Compare the rabbit's lungs and hind legs. Tell which structure is internal and which is external, then explain how each helps the rabbit.	The lungs are internal and take in oxygen, helping the rabbit stay alive and move. The hind legs are external and help it run from danger, supporting survival and behavior.
4	What evidence shows that structures can support behavior? Name two rabbit structures and tell the behavior each supports.	Long hind legs support running from danger, and large ears support hearing.

PART 3 • YOUR TURN (SAMPLE ANSWER)

The rabbit's structures help it survive and behave. Its lungs take in oxygen, and its heart moves blood, helping it stay alive and move. Its long hind legs help it run from danger, and its large ears help it hear.

Accept any accurately underlined structure with all functions directly linked to it in the passage. For written responses, accept claims supported by accurate structure, function, and evidence connections from the text.