

## Grade 4 Science Worksheet: 1 (DifficultyLevel: intermediate)

Name: \_\_\_\_\_ | Date: \_\_\_\_\_

---

### Section 1: Multiple Choice Questions

Choose the correct answer:

1. Which adaptation allows arctic foxes to blend in with snow?
    - a) Sharp claws
    - b) White fur
    - c) Long tail
  2. What do desert plants store in their stems to survive droughts?
    - a) Sand
    - b) Water
    - c) Seeds
  3. Why do some frogs have brightly colored skin?
    - a) To attract mates
    - b) To warn predators of poison
    - c) To blend with plants
  4. What helps penguins stay warm in freezing temperatures?
    - a) Feathers with oil coating
    - b) Long legs
    - c) Wide beaks
  5. What adaptation helps woodpeckers find insects in trees?
    - a) Sharp beak
    - b) Long legs
    - c) Bright feathers
- 

### Section 2: True or False

Write **True** or **False** next to each statement:

1. Polar bears have black skin under their white fur to absorb heat.
2. Camels store water in their humps.
3. Fish have lungs for breathing underwater.
4. Frogs lay eggs in water because their young need it to survive.
5. Plants in the rainforest have small leaves to save water.

### Section 3: Fill in the Blanks

1. Birds that migrate often travel long distances to find \_\_\_\_\_ and better weather.
  2. Cacti have \_\_\_\_\_ instead of leaves to reduce water loss.
  3. An animal's \_\_\_\_\_ helps it survive in its environment by protecting it from predators or harsh conditions.
  4. In the ocean, \_\_\_\_\_ allow whales to hold their breath for long periods.
  5. \_\_\_\_\_ is when an animal's body slows down during cold months to save energy.
- 

### Section 4: Matching Questions

Match the adaptation to the correct animal or plant:

1. Gills for breathing underwater
2. Long roots to reach water underground
3. Strong wings for flying long distances
4. Thick blubber for warmth
5. Spines to deter predators

#### Animals/Plants:

- Cactus
  - Arctic Seal
  - Eagle
  - Fish
  - Desert Shrub
- 

### Section 5: Short Answer Questions

1. Explain how camouflage helps animals survive in the wild.  
\_\_\_\_\_
2. Describe one structural adaptation and one behavioral adaptation that help animals survive extreme heat.  
Structural: \_\_\_\_\_  
Behavioral: \_\_\_\_\_

3. What are the six types of adaptation?

---

4. Why do animals in rainforests often have bright colors?

---

5. How does hibernation differ from migration as a survival strategy?

---

---

## **Section 6: Critical Thinking**

An animal lives in a grassland environment where it faces predators and needs to find water during dry seasons. Design an adaptation for this animal to survive:

1. How would it avoid predators?

---

2. How would it find water in dry seasons?

---

---

Let me know if you'd like variations or additional sections! 😊

BE CHAMPION