

Grade 4 Science Worksheet:2 (DifficultyLevel: intermediate)

Name: _____

Date: _____

Section 1: Multiple Choice Questions

Choose the correct answer:

1. What is the main reason animals hibernate?
 - a) To escape predators
 - b) To conserve energy during food shortages
 - c) To migrate to warmer areas
 2. How do desert animals avoid overheating?
 - a) Staying active during the day
 - b) Staying in burrows or shade during the day
 - c) Drinking saltwater
 3. What helps aquatic plants survive in water?
 - a) Thick stems
 - b) Large air-filled leaves
 - c) Roots that grow above water
 4. Why do birds have hollow bones?
 - a) To make them lighter for flying
 - b) To store extra food
 - c) To grow feathers
 5. Which adaptation helps bats find food in the dark?
 - a) Sharp claws
 - b) Echolocation
 - c) Big eyes
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Section 2: Fill in the Blanks

1. Animals with _____ are harder for predators to see because they blend with their surroundings.
2. _____ is when animals travel to warmer places to escape harsh winters.
3. A polar bear's _____ and thick fur keep it warm in freezing climates.

4. Desert plants often have _____ roots to absorb water from deep underground.
 5. _____ adaptations involve changes in an animal's behavior to help it survive.
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Section 3: True or False

1. All plants in deserts have long roots to store food.
 2. Birds migrate only to find food, not to escape predators.
 3. Camouflage helps prey avoid predators.
 4. Dolphins use their fins to breathe.
 5. Animals that hibernate eat less during winter.
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Section 4: Matching Questions

Match the adaptation with the example:

1. Long neck for reaching leaves
2. Fat stored in the hump for energy
3. Wings for flying great distances
4. Webbed feet for swimming
5. Bright colors to warn predators

Animals:

- Camel
 - Duck
 - Giraffe
 - Monarch Butterfly
 - Poison Dart Frog
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Section 5: Short Answer Questions

1. What is the difference between a physical adaptation and a behavioral adaptation?

2. How does the ability to mimic sounds help some birds?

3. Why do some desert plants have waxy coatings on their stems?

4. Explain why animals that live in cold regions have small ears and tails.

5. How does echolocation help animals like bats or dolphins?

Section 6: Critical Thinking

Imagine a new animal that lives in a rainforest and needs to climb tall trees to find food while escaping predators.

1. What kind of physical adaptation would help it climb trees?

2. What color should its fur or skin be for camouflage?

3. What behavior could it develop to avoid predators?
