

Grade 4 Science Worksheet: adaptation in plants_3
(DifficultyLevel:Intermediate)

Name: _____

Date: _____

Part 1: Fill in the Blanks

1. Cacti store water in their _____ stems to survive drought.
 2. Pine trees have a waxy coating on their _____ to prevent water loss in cold regions.
 3. Aquatic plants grow broad, _____ leaves to float on water and absorb sunlight.
 4. Rainforest plants grow tall to reach _____ in dense forests.
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Part 2: True or False

1. **Desert plants grow in groups to store water together.**

2. **Lotus plants have deep roots to absorb nutrients from the soil.**

3. **Rainforest plants often grow on other trees to access sunlight.**

4. **Pine trees grow needle-shaped leaves to trap sunlight.**

Part 3: Multiple Choice Questions (MCQs)

1. **Why do cacti have thick stems?**
A) To absorb more sunlight
B) To store water during dry seasons
C) To grow faster
D) To attract animals

2. **How do aquatic plants like lotus survive in water?**
 - A) By developing waterproof, floating leaves
 - B) By growing long stems to reach the bottom
 - C) By having spines to protect from predators
 - D) By storing water in roots
 3. **What allows pine trees to survive snowy conditions?**
 - A) Waxy coating and needle-like leaves
 - B) Large leaves to gather more water
 - C) Hollow stems for air
 - D) Deep roots for stability
 4. **Why are rainforest plants' leaves often large?**
 - A) To trap sunlight in shaded forests
 - B) To store more water
 - C) To grow taller quickly
 - D) To prevent water from dripping off
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Bonus Question:

Describe one adaptation each for plants in deserts, aquatic habitats, and snowy regions.

-BE THE CHAMPION-