

Grade 4 Science Worksheet: adaptation in plants_2
(DifficultyLevel:Intermediate)

Name: _____

Date: _____

Part 1: Fill in the Blanks

1. Rainforest plants develop _____ to quickly shed water from their leaves.
 2. Cacti have a thick, waxy _____ that prevents water loss.
 3. Aquatic plants like water lilies have _____ stems to help them stay afloat.
 4. Pine trees have _____ leaves to withstand cold climates and reduce water loss.
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Part 2: True or False

1. **Cacti have roots that spread wide and shallow to absorb water quickly.**

2. **Rainforest plants grow large leaves to store water.**

3. **Pine trees grow in cone shapes to help snow slide off easily.**

4. **Aquatic plants need thick roots to survive underwater.**

Part 3: Multiple Choice Questions (MCQs)

1. **How do desert plants reduce water loss?**
A) By growing large leaves
B) By developing spines instead of leaves
C) By storing rainwater in flowers
D) By growing close to the ground

2. **What features of aquatic plants help them survive?**
 - A) Needle-like leaves
 - B) Hollow and buoyant stems
 - C) Small leaves to prevent water loss
 - D) Waxy coating on roots
 3. **Why do pine trees have needle-like leaves?**
 - A) To store water during summer
 - B) To conserve water and protect against snow damage
 - C) To trap sunlight
 - D) To float in water
 4. **What helps rainforest plants survive heavy rainfall?**
 - A) Waxy stems
 - B) Drip tips on leaves
 - C) Cone-shaped leaves
 - D) Shallow roots
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Bonus Question:

How do adaptations help plants survive in extreme environments like deserts and rainforests?

-BE THE CHAMPION-