

Grade 4 Science Worksheet 1: Parts of a Plant - Structure of Leaf + Photosynthesis (Difficulty Level: Intermediate)

Name: _____

Date: _____

Question 1: Which part of the leaf helps it trap sunlight?

- a) Veins
 - b) Chlorophyll
 - c) Stomata
 - d) Petiole
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Question 2: What do the veins in a leaf carry?

- a) Food made in the leaf
 - b) Carbon dioxide from the air
 - c) Water and nutrients from the roots
 - d) Sunlight for photosynthesis
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Question 3: What does the petiole do for the leaf?

- a) It holds the leaf upright for sunlight.
 - b) It absorbs carbon dioxide.
 - c) It traps sunlight for food-making.
 - d) It carries oxygen out of the leaf.
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Question 4: Why is the blade of the leaf broad and flat?

- a) To make the leaf lighter
 - b) To absorb more sunlight for photosynthesis
 - c) To help the plant grow taller
 - d) To protect the leaf from insects
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Question 5: What do stomata control in a leaf?

- a) The entry of water
 - b) The release of oxygen and the intake of carbon dioxide
 - c) The flow of nutrients
 - d) The absorption of sunlight
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Bonus Question:

What is the main function of the veins in a leaf?

- a) They give the leaf its green color.
- b) They provide support and transport water and nutrients.
- c) They protect the leaf from damage.
- d) They make food for the plant.

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