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*Olympiads*  
#CRESTInnovator

# CREST Science Olympiad (CSO) Worksheet *for*

**Class 4**



**Topic**

**Parts of Plants and Structure of Leaf**



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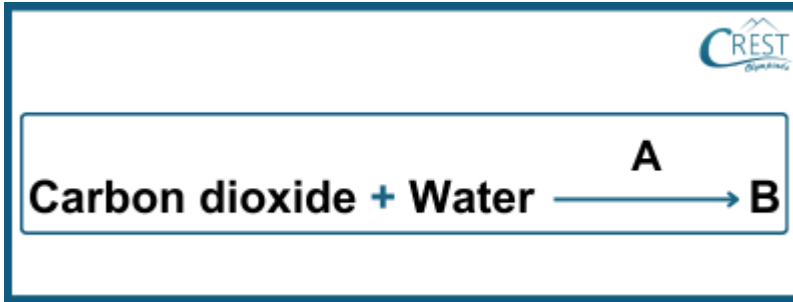
info@crestolympiads.com



+91-98182-94134

# Worksheet on Parts of Plants and Structure of Leaf

1. Complete the reaction for photosynthesis.



- a. A: Sunlight & Glucose, B: Chlorophyll + Oxygen
- b. A: Chlorophyll, B: Sugar + Oxygen
- c. A: Sunlight, B: Glucose + Water
- d. A: Sunlight & Chlorophyll, B: Glucose + Oxygen

2. Select the incorrect pairing.

- a. Cardamom - Spice
- b. Bamboo - Gum
- c. Eucalyptus - Medicine
- d. Lavender - Essential oil

3. The seed shown in the picture below has a sticky surface. Identify the agent of seed dispersal from the given options.



- a. Wind
- b. Animals
- c. Fruits burst with a sudden jerk
- d. Water

4. Select the odd one out.

a.



b.



c.






d.



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5. Match the following.

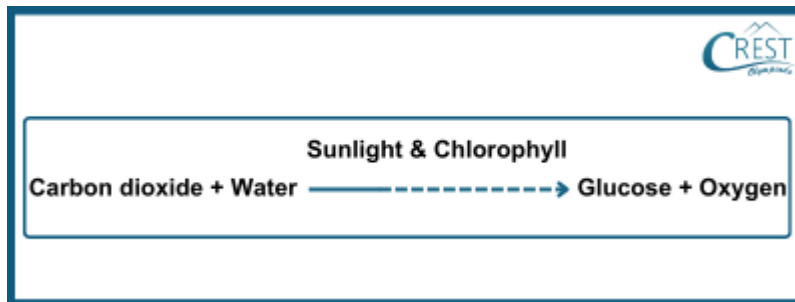
Column I	Column II
1) Dandelion 	A) Water
2) Coconut 	B) Bursting of the fruit
3) Violet 	C) Wind

- a. 1:C, 2:A, 3:B
- b. 1:B, 2:A, 3:C
- c. 1:A, 2:C, 3:B
- d. 1:C, 2:B, 3:A



## Answer Key

1. d - A: Sunlight & Chlorophyll, B: Glucose + Oxygen  
The complete reaction is:



2. b - The incorrect pairing is Bamboo - Gum because bamboo is not used to obtain gum; gum is typically derived from the sap or resin of specific trees.
3. b - The seed with a sticky surface is likely to attach to passing animals' fur or feathers, allowing for dispersal when the animals move to other locations.
4. c - Sugarcane has fibrous roots whereas turnip, sunflower and carrot have taproots.
5. a - Dandelion: Wind, Coconut: Water, Violet: Bursting of the fruit

**More Questions Coming Soon – Keep Learning!**

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