



# INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF EVS [2020 – 2021]

LESSON: Food making in Plants

WORKSHEET

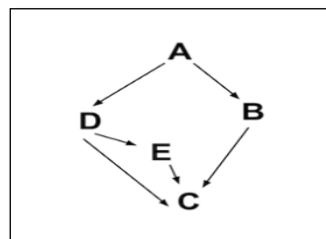
RESOURCE PERSON: Ms. Putul Jha

NAME: \_\_\_\_\_ CLASS: V SEC: \_\_\_\_\_ DATE: \_\_\_\_\_

## I. Circle the correct option for the following.

1. Which of the following is most likely to cause the greatest decrease in the species B population?

- a. A decrease in species A
- b. An increase in species E
- c. A decrease in species C
- d. A decrease in species D

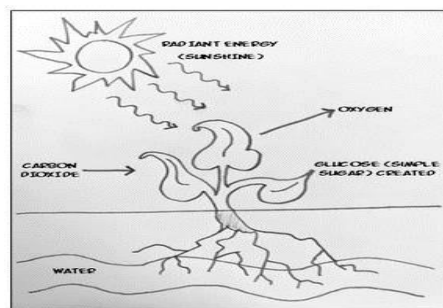


2. Certain substances required for photosynthesis are absorbed from the soil. Identify those substances.

- a. water
- b. oxygen
- c. carbon dioxide
- d. Nutrients
- e. Both a and d

3. The role of chlorophyll in plants is \_\_\_\_\_

- a. to absorb water
- b. to absorb oxygen
- c. to absorb food
- d. to absorb sunlight



4. Ravi says that insectivorous plants do not make their own food and get their nutrients from insects. Is he right?

- a. Yes
- b. No

5. How do plants obtain water to perform photosynthesis?

- a. Leaves absorb water from the atmosphere.
- b. Roots absorb water from soil.
- c. Through either leaves or roots depending on availability.
- d. Water is not required for photosynthesis.

6. Rahul says that his body has carbon dioxide and water. Sunlight also falls on his body. Can his body perform photosynthesis?

- a. Yes, as all the things required for photosynthesis are available to him.
- b. No, photosynthesis is done by green plants
- c. Can't say, as some plants and humans perform photosynthesis.

7. Match the following.

Plants	Parts of the plant
1. Pomegranate	A. Stem
2. Ginger	B. Root
3. Carrot	C. Seeds

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

8. Which of the following is a difference between food chains and food webs?

- a. Food chains show the energy flow in an ecosystem, and food webs do not.  
b. Food chains are linear, while food webs are complex.  
c. Food webs contain both plants and animals, but food chains contain only plants.  
d. Food webs separate organisms by trophic level, but food chains do not.

**II. Write the correct version of the statements given below.**

1. Plants like the Indian pipe make their food through photosynthesis.

2. Ginger and Potato are underground roots.

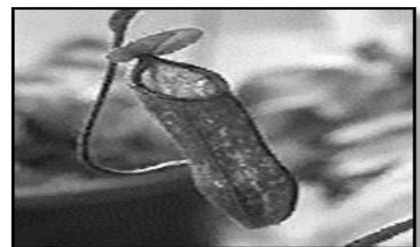
3. Roots capture energy from the sunlight for photosynthesis.

4. Mango plant grows from spores.

**IV. Observe the given picture and answer the questions that follow.**

1.a. Identify the plant \_\_\_\_\_

b. How does the plant attract insects?



2. Karan is doing an experiment with his friend Krish to test the presence of starch in food items. He added a few drops of some solution on potato and bread. Provide answers to the questions based on their experiment.

a. Name the solution used by them.



b. What would have been their observation when the solution was added to bread and boiled potatoes.

c. Mention their inferences (conclusion) of the experiment.

3. A Food Web shows how energy is passed on from one living thing to the next. It shows the feeding habits of different animals that live together in an ecosystem.

In the picture of a food web given below, energy is passed from the grass to the mouse to the snake to the hawk. Producers are living things that make their own food. Consumers are living things that eat other living things for energy.

**Use the food web in the picture to answer the questions.**

On Grassland

1. Name the living things in the Food Web that are Producers.

2. Name the living things in the Food Web that are Consumers.

3. Name the living things that snakes feed on.

4. Name the living things that hawks feed on.

5. What is eaten by the frog? \_\_\_\_\_

6. What does the arrow in a Food Chain represent?

