

The City School
PAF Chapter, Junior Section
Science Reinforcement Worksheet 1 – Year 3
Topic: Helping Plants Grow Well



Objective Part

Q1. Choose the best answer:

1. What part of the carrot plant do we eat?

- a. Root b. Stem c. Leaf d. Flower

2. When a plant grows it _____

- a. Gets shorter c. Gets taller
b. Dies d. Drops its leaves

3. What do leaves do?

- a. Make water c. Make food
b. Make heat d. Take water from the soil

4. What is the function of the stem of a plant?

- a. It carries water from the roots to the leaves c. Makes food for the plant
b. Makes sure that the roots stay in the ground d. Helps to keep the plants warm

5. Why do people water their plants?

- a. It is good exercise c. Plants need light to grow
b. Plants need water to grow d. The water cleans the plant

6. What happens when a plant gets too much water?

- a. It grows very quickly c. It gets big flowers
b. It can die d. It climbs out of its pot.

7. A fair test is _____

- a. An investigation when you change lots of things
b. An investigation when you only change one thing
c. An investigation when you don't cheat
d. An investigation when you don't change anything at all

8. _____ is a plant with poisonous leaves.

- a. Mint b. Cabbage c. Rhubarb d. Lettuce

9. Plants need _____ to make food.

- a. Water, heat and oxygen c. Water, sugar and air
b. Water, carbon dioxide and sunlight d. Water, oxygen and sunlight

10. Adding water to fields is called _____

- a. Drainage c. Waterlogged
b. Irrigation d. None of the above

Q2. Fill in the blanks.

- a. Leaves need sunlight, _____ and _____ to make food for the plant.
b. _____ is the process by which a plant makes its food.
c. The _____ absorb water and minerals from the soil.
d. _____ is the process by which the plant loses excess water through the leaves.
e. We should not eat the _____ of the rhubarb plant.

Q3. State whether True or False:

- a. A plant that is kept in darkness will grow better than other plants. (_____)
b. We can eat every part of every plant (_____).
c. Farmers use insecticides to avoid the pests from eating the plants. (_____).
d. The stem makes the food for the plant. (_____)
e. Oak trees can grow in the winter season. (_____).

Q4. Match Column A to Column B and write the correct combination in column C.

Column A		Column B		Column C
1.	Tallest stem in the world	a.	Transports water	
2.	Turnip	b.	Contains too much water	
3.	Stem	c.	Nutrients for plant growth	
4.	Water logged	d.	Red wood tree	
5.	Fertilizer	e.	root	

Subjective Part:

Q1. Calvin added different amounts of water to three plants each day. He wrote down what the plants looked like after three weeks. Here are his results.

Amount of water given each day	What the plant looked like after two weeks
Nothing	Brown and dried up
1 spoon	Green and bushy
5 spoons	Yellow and soggy

- What did the plant that was given no water look like?

- What had happened to this plant?

- How much water was the healthiest plant given?

- Does more water always make plants grow better?

- How can you tell?

Q2. Give reasons:

- Farmers usually kill small insects because _____
- Colored water turns a flower blue because _____
- Plants can grow better in a green house _____
- Grass covered with plastic turn yellow _____

Q3a. Arham covers a patch of grass with a blanket. After a few days that patch of grass turns yellow.

In your opinion, what is the reason for this change in colour?

b. Give two reasons why a plant needs a healthy stem.

- _____
- _____