

# St. Thomas School Indirapuram

## Worksheet , Class-4

### Subject- Science

#### CHAPTER-1, PLANTS-THE SOURCE OF FOOD.

1. Fill in the blanks-

- a) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ are the important things we get from plants.
- b) The raw materials needed for the process of photosynthesis are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- c) \_\_\_\_\_ is the part of plant that remains under the soil.
- d) The by- product of the process of photosynthesis is \_\_\_\_\_.
- e) Food storing stems are \_\_\_\_\_ and \_\_\_\_\_.

2. Who am I ?

- a) I am the part of plant that grows under the ground and has many leaves and flowers. \_\_\_\_\_.
- b) I am the pigment that helps in trapping sunlight for the process of photosynthesis. \_\_\_\_\_.
- c) I am the form of food that is prepared by the process of photosynthesis. \_\_\_\_\_.
- d) I am the part of leaf that carries water and minerals for all the parts of the leaf. \_\_\_\_\_.
- e) I am the tiny opening on the surface of leaf through which exchange of gases takes place. \_\_\_\_\_.
- f) I am the chemical substance ,reacts with food item containing starch to give blue black colour. \_\_\_\_\_.

3. Define the following-

- a) Bleaching-
  
  
  
  
  
  
  
  
  
  
- b) Starch-
  
  
  
  
  
  
  
  
  
  
- c) Photosynthesis-

4. Tick the right option and write-

- a) Air enters in the leaf through \_\_\_\_\_

1- stem                      2-stomata                      3-roots

b) Roots have small \_\_\_\_\_ which absorb minerals and water.

1- stomata                      2-tube like structure                      3-chlorophyll

c) Plants like Croton have red coloured leaves due to the presence of

\_\_\_\_\_

1- chlorophyll                      2-stomata                      3- red coloured pigment

5. A person poured few drops of Iodine on raw egg. After pouring, he didn't find any change in the colour. Explain why ?

6. Draw and label the diagram of the process of photosynthesis.