

Assignment:-1 Subject: - Science

Class:-IV

Teacher:-Mrs. Neena Gupta

Name:-_____

Class & Sec.:-_____

Roll No.:-_____

Date:-

Lesson:-1 (Plants-The Source of Food)

Define the following terms:-

- a) Photosynthesis - It is the process of making food by the leaves of a plant, with the help of water, Carbon dioxide and sunlight in the presence of chlorophyll.**
- b) Chlorophyll - Green coloured substance present in the leaves.**
- c) Stomata: - Tiny openings on the surface of a leaf through which exchange of gases takes place.**
- d) Starch:- Is a bigger sugar which is formed by joining many glucose units.**

Answer the following:-

Q.1) The process by which green plants prepare food is called Photosynthesis, why?

Ans.-Photosynthesis is a Greek word in which 'Photo' means light and synthesis" means putting together. Plants use this process to make their food.

Q.2) Name things required by plants to make food. Where do they get these things from?

Ans.-The things required by plants to make food are a water, minerals, Carbon dioxide and sunlight. Plants get these things from the environment.

Q.3) What is the role of stomata ?

Ans.- leaves have tiny pores on its surface called stomata from which it gets Carbondioxide.

Q.4) Give some examples of food storing parts in plants?

Ans.- 1) Food is stored in roots in the plants of radish and carrot.

2) leaves of cabbage and mint store food in them.

3) Food storing stems are potato and sugarcane.

Q.5) Why do bigger plants have more numbers of leaves?

Ans.- Bigger plants need more food to live. Therefore bigger plants have more number of leaves.