

Chapter Our green friends Grade 4(Science)

Answer Key

Case Study 1

Ans1. Plants use food prepared by them to get energy. They store extra food as starch.

Ans2. Plants stores extra food in the form of starch in different parts of the plant which is eaten by us as food. E.g. as the root of carrot, leaves of cabbage etc.

Ans3 Non-green plants can not make then food. They get food from dead and decaying plants and animals.

Case Study 2

Ans1. The Central vein of the leaf is called the midrib. Its function is to support the leaf and transport water and nutrients to and from the leaf.

Ans2. The green pigment in the leaf is called Chlorophyll. It captures sunlight to Chlorophyll the process of photosynthesis.

Ans3. The leaf is flat as it helps to capture more sunlight for the process of photosynthesis

Q/Answer

1. If plants don't get enough water, they become weak and can't perform photosynthesis
2. Talking care of plants & trees is important because they produce oxygen, which improves quality of an and is habitat of many animals It provides us food also.
3. Leaves are the main organ which turns sunlight into food with help of green pigment Chlorophyll. Leaves helps to prepare food for the plants which is known as photosynthesis.
4. If there are no decomposer plants, dead plants and animals would pile up and soil would lack important nutrients.