



SHREE VASISHTHA VIDHYALAYA

Science Worksheet 2026-27

Name: -

Answer Key

Std.: - IV -

Roll No.: -

Worksheet No. TA-1- 01

Date: -

Ch. 5 - Soil, Ch. 6 - The Green Plants

Q-1 Read the following statement and choose the correct answer.

1. Statement 1: Soil erosion can be caused by wind and running water. T

Statement 2: Planting more trees can help prevent soil erosion. T

- (a) Both Statement 1 and Statement 2 are correct. (b) Both Statement 1 and Statement 2 are incorrect.
(c) Statement 1 is correct, but Statement 2 is incorrect. (d) Statement 1 is incorrect, but Statement 2 is correct.

2. Statement 1: Green plants take in carbon dioxide during photosynthesis. T

Statement 2: Green plants release oxygen during photosynthesis. T

- (a) Both Statement 1 and Statement 2 are correct. (b) Both Statement 1 and Statement 2 are incorrect.
(c) Statement 1 is correct, but Statement 2 is incorrect. (d) Statement 1 is incorrect, but Statement 2 is incorrect.

Q-2 Match the following.

A	B	ANS.
1. Oxygen	a. soil erosion	1. C.
2. Non - fertile soil in ancient India	b. bottom layer of soil	2. f.
3. Protection of soil	c. product of photosynthesis	3. d.
4. Top soil	d. soil conservation	4. g.
5. Green colour pigment	e. starch	5. h.
6. Removal of fertile soil	f. usara	6. a.
7. Bedrock	g. rich in humus	7. b.
8. Food stored	h. chlorophyll	8. e.

Q-3 Think and answer.

1. Rahul says earthworms help farmers grow healthy plants. Do you think he is right? How?

Ans. Yes, Earthworms help farmers by loosening the soil and making it more fertile.

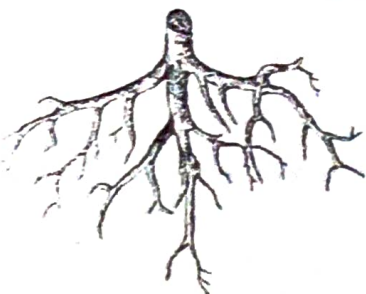
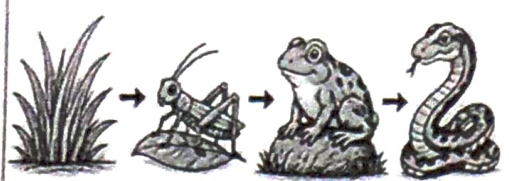
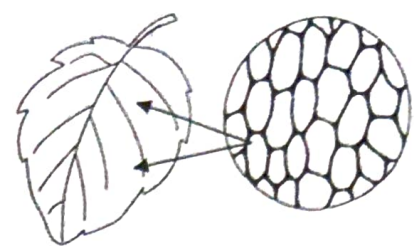
2. A gardener mixes dry leaves and kitchen waste in a pit. What is he trying to make?

Ans. A gardener is trying to make compost from dry leaves and kitchen waste.

3. What would happen if a child plucked all the leaves from a small plant?

Ans. If a child plucked all the leaves from a small plant, it may not be able to make enough food by photosynthesis, so its growth may stop.

Q-4 Identify the given picture.

1.	2.	3.
		
Roots	Food chain	stomata

Q-5 Look at the given picture and answer the following questions.

1. What does the animal get from the plant?

- a) Oxygen b) Food
c) Soil ☒ d) both a and b

2. Animals depend on plants for food.

3. How do animals help plants in return?

Animals help plants in return by releasing
Carbon dioxide in air and by dispersing seeds.



Q-6 Read the following paragraph and answer the following questions-

Soil is important for plants. It provides plants with water, minerals, and support for their roots. Different types of soil have different properties. Sandy soil has large particles and allows water to pass through quickly, while clayey soil holds more water. Loamy soil contains a mixture of sand, clay and humus and is generally good for growing plants. We should protect both plants and soil by planting more trees, avoiding unnecessary cutting of trees, and preventing soil erosion.

1) Which soil is best suitable for growing plants?

- ☒ a) Loamy soil b) clayey soil c) gravel d) sandy soil

2) Soil provides the support to the roots of the plants. (True / False) True

3) List any one way to protect the soil from erosion.

Ans. By planting more trees and avoiding unnecessary
cutting of trees can prevent soil erosion.