



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION  
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

## ANSWER: WORKSHEET- 5 1<sup>st</sup> Term

Class: 3

Subject: SCIENCE

Date: 18.03.2020

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### SOIL

#### 1. Answer the following questions.

- a. **What is soil? How is soil formed? How many types of soil are there? Name them.**

**Ans.** Soil is the upper layer of the earth in which plants grow and on which we walk.

Soil is formed when rocks break down. Rocks break into smaller pieces due to the action of water, wind, heat and cold. Dead and decayed plant and animal matter also mixes with tiny rocks to form soil.

There are three types of soil – clayey soil, sandy soil and loamy soil.

- b. **What does soil contain? How is humus useful for plants?**

**Ans.** Soil contains rocks and stones of different sizes like clay which consists of very fine pieces of rock, sand which consists of grainy but bigger pieces of rock and gravel which consists of small stones.

Besides this, soil contains minerals which help plants to grow. It contains dead and decayed plant and animal matter called humus. It also contains air and water.

Humus adds nutrients to the soil and hence, helps in the growth of plants.

**c. Which soil is suitable to grow plants? And why? Why is clayey and sandy soil unsuitable to grow plants? What is manure?**

**Ans.** Loamy soil is suitable to grow plants.

Loamy soil is a mixture of sand, clay and humus. It contains the right amount of air and water, which makes it suitable to grow plants.

Sandy soil can hold very little water while clayey soil holds a lot of water which makes both unsuitable to grow plants.

Manure is a mixture of cow dung and decaying plant matter. The addition of manure helps to make the soil more fertile.

**d. What are the uses of soil?**

**Ans.** There are many uses of soil.

- Plants grow in soil. Soil provides nutrients, which help plants and crops to grow well.
- Animals such as earthworms, moles, rats, snakes, rabbits, beetles, worms and ants live in the soil.
- People use mud to make kutcha houses.
- Potters use clayey soil to make clay pots.
- We manufacture cement, iron, glass and bricks from soil.
- Sandy soil is used in the construction of buildings.
- We also get many metals, petrol and gas from soil underground.