

Class – III

General Science

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Chapter - 3 Precious Soil

I. Answer these questions:

1. How do rocks change to soil?

Ans. By the action of sun, rain and wind, the rocks break up into small pieces. This continues for many, many years. These small pieces break further into smaller pieces. Then they are carried around by wind and water. The pieces are rubbed against each other till they become tiny particles of soil.

2. Is the size of the particles same in different types of soil? Explain.

Ans. No, the size of the particles is not same in different types of soil. For example, sand particles are big whereas clay particles are very fine.

3. How will you show that soil contains air?

Ans. Put some soil in a glass jar. Pour water over it. We will see bubbles float up. This shows that soil contains air.

4. What are the different kinds of soil?

Ans. The different kinds of soil are sandy soil, clayey soil and loam soil.

5. Why do farmers add manure to the soil?

Ans. Farmers add manure to the soil because it is rich in humus and it makes the soil fertile.

II. Think and answer :

1. Deepak is a farmer. He wants to grow wheat. What kind of soil would he need?

Ans. Deepak would need loam for growing wheat because loam is the best soil for plants which contains air, water and humus.

2. Sushil is a potter. What kind of soil would he use for making pots? Why?

Ans. Sushil would use clayey soil for making pots. This is so because clay particles are very fine. There is no space for air between the particles and hence this soil can hold a lot of water.

III. Draw and label

Layers of soil:

