

Delhi Modern Public School, Pampore

Class.3rd

Subject: Science

Study material: Term-I

Lesson no.12

Topic:-Soil and Rocks

In this lesson we come to know about soil and rocks. How soil is formed, what does it contain and what are its different types. The topmost layer of the earth's surface is called soil. It is formed from Rocks. It contains many things like gravel, sand, clay and humus, water and air also. Soil has different types like clayey soil, sandy soil and loamy soil. Rocks are also of different types. Granite is a very hard rock used in buildings. Diamond is the hardest rock. It is used to make jewellery. Marble is also used in buildings.

Day1:-

Read half of the lesson and underline the main points and learn them.

Day2:

Read the next half lesson and underline the main points and learn them. + Do activity 1 (with parents help pg no.109).

Day3:

write word bytes on notebook and learn them .

Day4 :

Do review zone part A,B on book and learn them.

Part A Tick the correct answer.

1. B, soil
2. D, all of these.
3. C clayey.
4. B. Clayey.
5. A,. Diamond.

Part B. Fill ups.

1. Sandy. 2. Clayey. 3. Clay, Sand
4. Humus. 5. Fertile, Manure 6. Loamy.

Day5: Do part C and D on book.

Part C: True or false

1. False. 2. False 3 False 4. False 5. True

Part D. Decode the hidden words.

Fact:

The world soil day is observed on fifth December.

Day 6:

Do part E (3questions)on notebook and learn them.

Part E.: Answer the following.

Ans1:Soil is formed when rocks break due to the effect of Sun's heat, wind, rain and ice. The exposure of rocks due to these effects causes them to crack and break into smaller and smaller pieces.

Ans2:The different layers of soil are gravel, sand, clay and humus. Gravel is the bottom layer. Above gravel, is the layer of sand. Above sand is a layer of

fine particles called clay. On top is a layer of humus.

Ans3.Put some garden soil in a metal container. Cover it with a plate and heat for some time. We will see drops of water on the inner side of the plate. This is because soil contains water which evaporates on heating.

Day7:

Do part E (Q4,Q5) on notebook and learn them.

Ans4: Difference between.

Clayey Soil:- In this soil, the particles are very small and smooth .It holds lot of water. clay particles have very little space and air for roots to breathe. Plants do not grow well in this soil. It is used by potters to make earthen pots.

Loamy soil:-This soil contains a mixture of clay and sand. The soil particles are rough. It has enough air for plants to breathe. Plants grow well in this soil.

Ans5:- Plants do not grow well in sandy soil because it holds very little water.

Day 8:-

Do Part E (Q6,Q7)on notebook and learn.

Ans6:-Soil is very important for the growth of plants. It gives them water and minerals to produce a healthy crop. It is home to many animals and worms that live under it.

Ans7:- Rocks are useful to us in many ways. Some rocks are used in buildings eg, granite. Diamond is a precious rock used in making jewellery. Marble is used to makes statues and monuments .It is also used in buildings.

Draw neat and clean diagrams where-ever necessary.