

SESSION : 2

CLASS :04

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 9

CHAPTER NAME :NATURAL RESOURCES

SUBTOPIC : SOIL, WATER CONT.....

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

Children will come to know

- ❖ **Soil is the loose uppermost layer on the Earth's surface.**
- ❖ **Soil is the home for many animals.**
- ❖ **Uses of soil.**
- ❖ **Soil is an important renewable resources.**

There are two types of Natural resources are there.

RENEWABLE OR NONRENEWABLE?

Cut apart the pictures below. Sort them into two categories-Renewable Resources and Nonrenewable resources.



Trees



Gas



Water



Fish



Vegetables



Coal



Natural Gas



Wind



Oil



Soil



Sunlight



Cows

Renewable Resources:

Resources those will either never run out (for example, the sun) or are constantly renewed by natural processes (for example, water is renewed by rain).

Non-renewable resources:

**Resources those which once used up, are exhausted and are either not renewed by nature, or renewed very slowly over millions of years.
for example- coal and petroleum, and minerals like gold, iron and copper.**

Warm up:

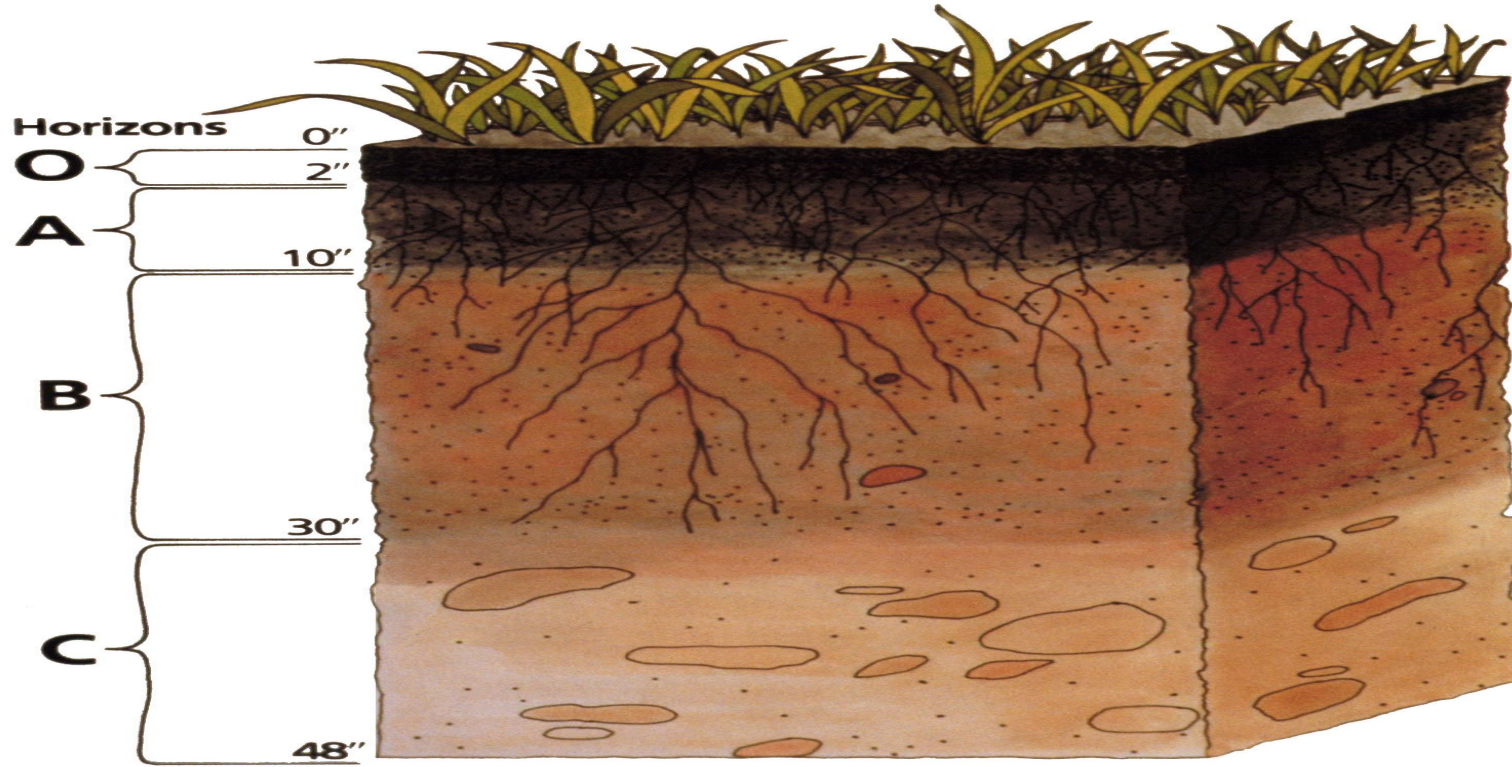
- ❖ How many of you have gardens?
- ❖ What kinds of plants do you have in your garden?
- ❖ What are the essentials things for growth of your plant?
- ❖ Without soil can a plant grow?
- ❖ What kind of soil is needed for a healthy plant?
- ❖ How can we make the soil fertile?
- ❖ Can anybody share, how we make manures at home?

How soil forms?

- ❖ Soils are formed by a slow process that takes place.
- ❖ This weathering process begins with the breakdown of rock.
- ❖ Weathering can start with wind and rain blowing against mountains.
- ❖ Rain cracks the smaller boulders into even smaller pieces.



Soil is the uppermost layer on the Earth's surface.



- ❖ **Plant grow in soil.**
- ❖ **They get water and mineral salts from the soil.**
- ❖ **All living things depend on soil for their food.**



- ❖ Many animals live in soil.
- ❖ Insects such as earthworms and Ants, and bigger animals such as mice and rabbits, live in the soil.



Humans depend on the soil for many things.

- ❖ **We grow different kinds of cereals, vegetables and fruits on the soil.**



- ❖ We use soil to make buildings materials such as bricks and cements.



- ❖ **We use clay obtained from soil to make pots and utensils.**
- ❖ **Soil is an important renewable natural resource.**



Water

- ❖ **Water is a renewable natural resource essential for life.**
- ❖ **Humans, animals and plants all need water to live.**
- ❖ **We need water to drink, bathe, wash, irrigate fields and for many other purposes.**
- ❖ **Water is a precious resource.**
- ❖ **We should not waste water.**



HOMEWORK

No Homework



INTERACTIVE ACTIVITY OF SOCIAL SCIENCE

Activity No.1

Topic: Forest our Wealth

Materials Required -

- Cardboard
- Green and Brown papers for making trees, plants and Grasses.
- Brown painting colour for soil.
- Paper animals or animal toys.

Procedure-

- Children will use cardboard for the base of the model.
- Origami of plants, trees and grass can be made by the newspaper.

LEARNING OUTCOME:

- Students will be able to understand how the environment influences plant growth and ways to conserve our forest wealth.
- Students will be able to understand the wildlife habitat is also connected to forest life.

Reference links:

<https://youtu.be/JnWOdsUbLEo>

<https://youtu.be/JYnKdUstcAQ>

Activity No.2

Topic: Little drops of Life

Materials Required -

- Cardboard
- Blue paper for showing water.
- Different colours to show different water bodies.example- pond, river
- Paper cups, plastic bottles and straws to show the irrigation of the fields.

Procedure:

Picture No.1

- Children will use cardboard for the base of the model.
- They will use ice-cream sticks to hold the pictures.
- They will cut a blue colour paper to make water drop.



Picture No.2

- Students will use plastic bottles to make water tanks and paper cups to make buckets.
- Straws can be used to make pipes.
- Origami of plants, trees and grass can be made by newspapers.
- **Reference links:**
- <https://youtu.be/9ynVi90zpHk>
- <https://youtu.be/kyWjDAGyeDw>



Activity No.3

Topic: I Soiled Myself

Materials Required -

- . Chart paper
- Colours
- Pictures as per your need

Reference links:

<https://youtu.be/qDsSRdQVQhI>

<https://youtu.be/OCPIK9rYpjM>

Procedure-

- Children will use chart pap for the base of their presentation.
- Pictures will be pasted as per their need.



Pictures to be uploaded in the given link:

NB: Send the picture in the link provided below.

<https://forms.gle/eAhKeJ9bqCM1HGdU7>

LEARNING OUTCOME:

Children will be able to

- ❖ **Soil is the loose uppermost layer on the Earth's surface.**
- ❖ **Soil is the home for many animals.**
- ❖ **Uses of soil.**
- ❖ **Soil is an important renewable resources.**

THANKING YOU
ODM EDUCATIONAL GROUP