

**SESSION : 2**

**CLASS :04**

**SUBJECT : SOCIAL SCIENCE**

**CHAPTER NUMBER: 9**

**CHAPTER NAME :NATURAL RESOURCES**

**SUBTOPIC : SOIL, WATER CONT.....**

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**CHANGING YOUR TOMORROW**

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## 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:**

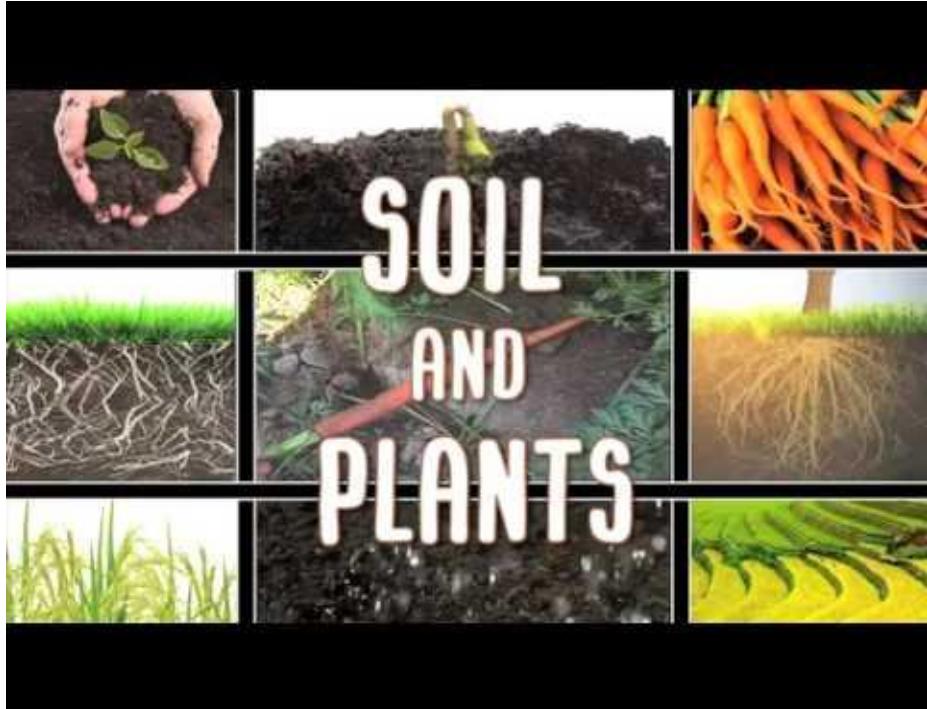
**Resources those which once used up, are exhausted and are either not renewed by nature, or renewed very slowly over millions of years.**  
**for example- coal and petroleum, and minerals like gold, iron and copper.**

## Warm up:

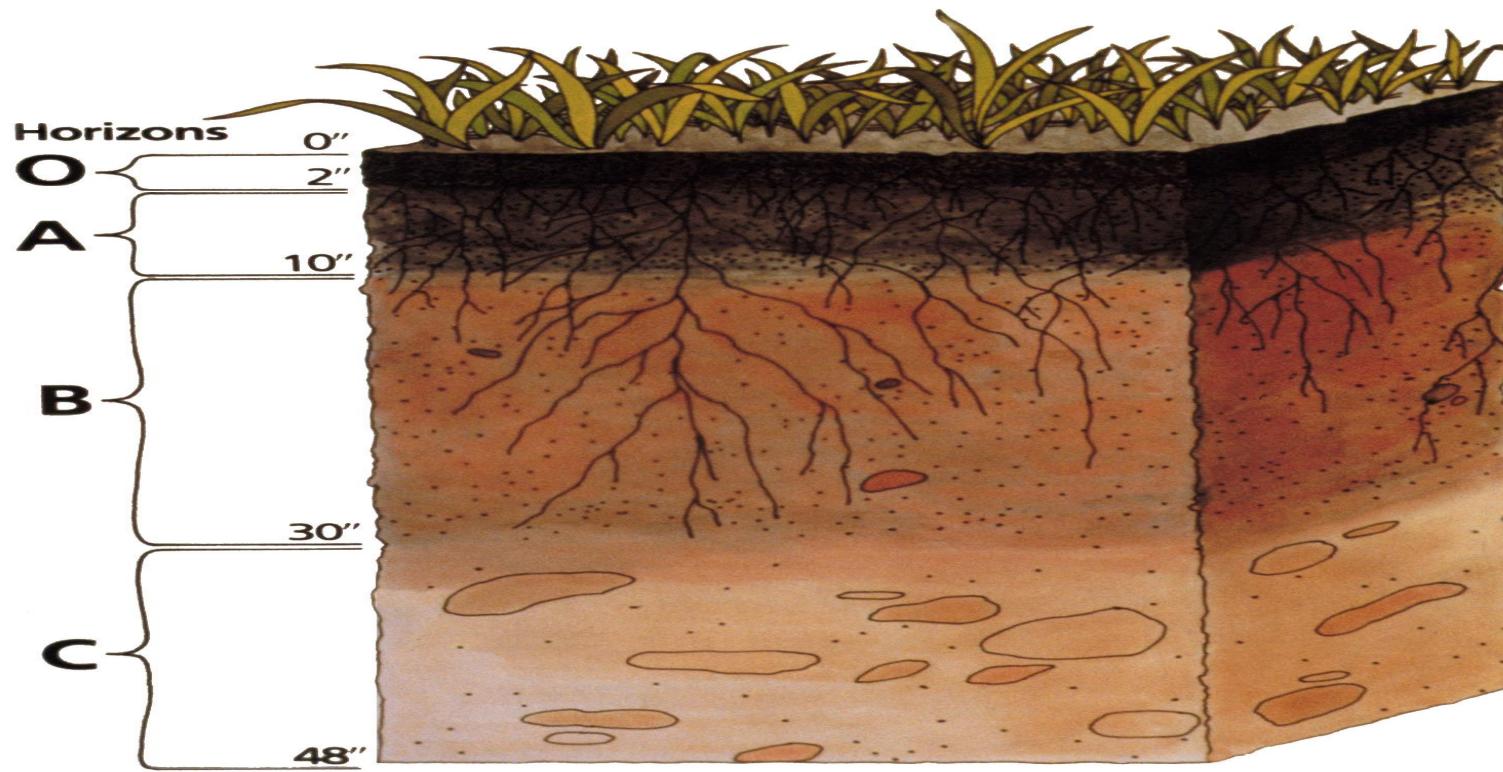
- ❖ How many of you have gardens?
- ❖ What kinds of plants do you have in your garden?
- ❖ What are the essentials things for growth of your plant?
- ❖ Without soil can a plant grow?
- ❖ What kind of soil is needed for a healthy plant?
- ❖ How can we make the soil fertile?
- ❖ Can anybody share, how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

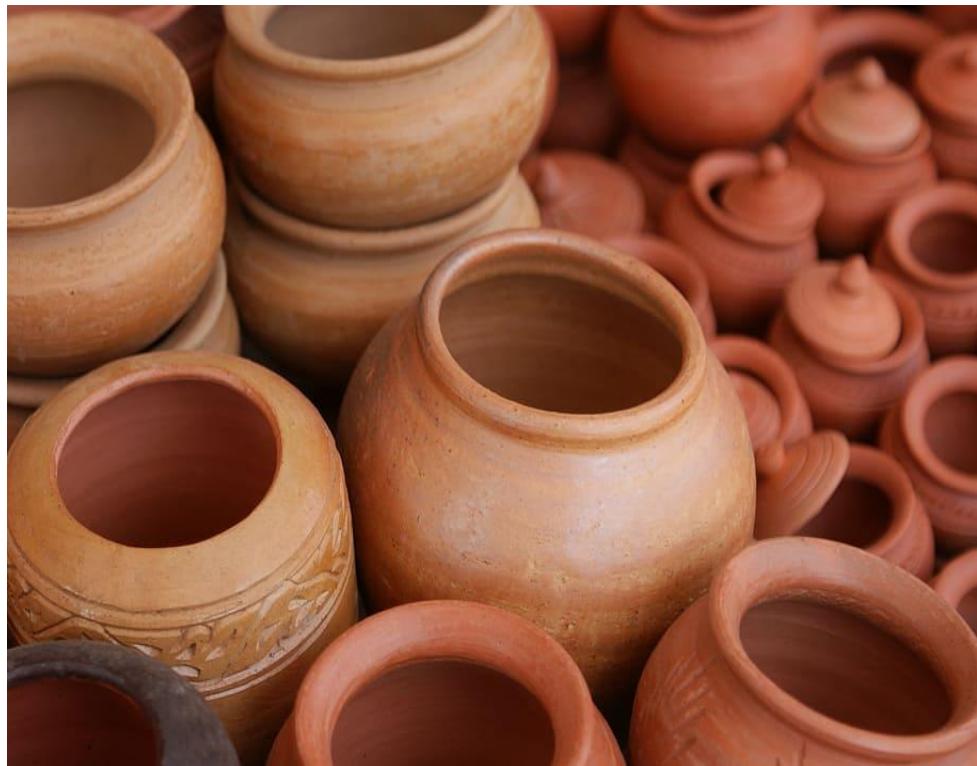
- ❖ We grow different kinds of cereals, vegetables and fruits on the soil.



- ❖ 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

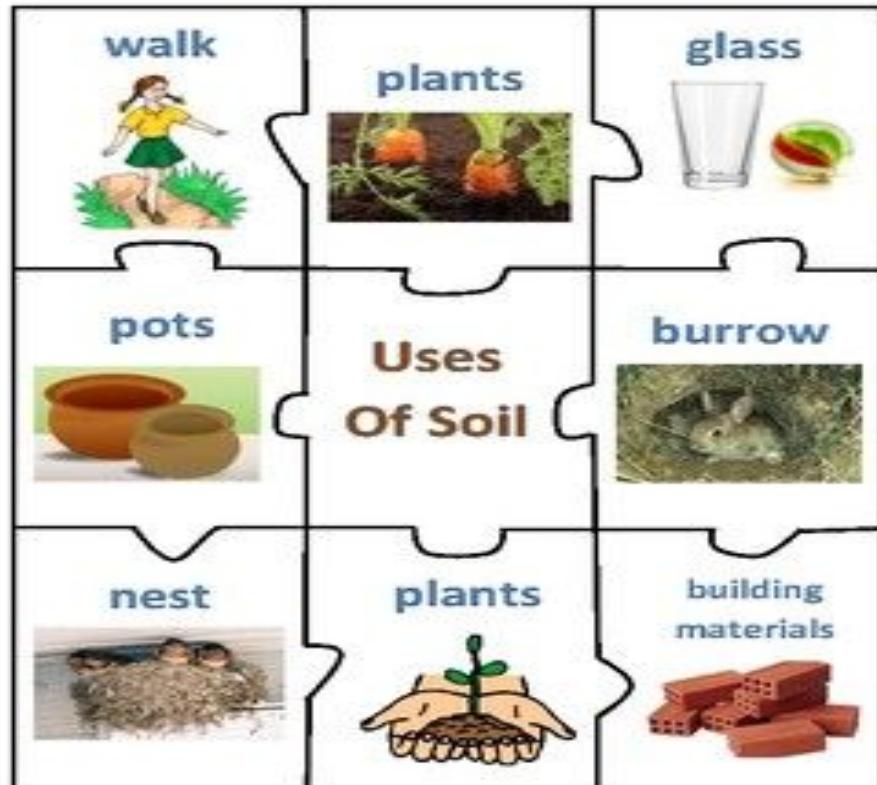
**Reference links:**

<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**