

SESSION :4

CLASS :04

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 9

CHAPTER NAME :NATURAL RESOURCES

SUBTOPIC : MINERALS AND FUELS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

Children will come to know

- ❖ **about the meaning of natural resources.**
- ❖ **sources of natural resources.**
- ❖ **renewable and non-renewable resources.**
- ❖ **How to save our natural resources.**

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.



Water

is life

- Conservation and management of water are essential for the survival of mankind, plants and animals

Forest

- **Forest is a large area of land where there is a thick growth of trees and other plants.**
- **In a forest, plants grow on their own.**
- **The kinds of plants that grow in a forest depends on the climate and soil of that place.**



Uses of forest:

They provide us

- Wood
- Medicines
- Paper
- Oxygen



- **To save a forests, trees should be cut in a planned way.**
- **For every tree cut, several new trees should be planted, so that the forest cover is not reduced.**



Animals:

- ❖ Animals raised by us for our use are known as livestock.
- ❖ They are useful to us in many ways and are important natural resource for us.
- ❖ Some animals are raised by humans are cattle.
- ❖ For examples:
 - ❖ Cows
 - ❖ Buffaloes
 - ❖ Sheep
 - ❖ Goat
 - ❖ Camel
 - ❖ Hens
 - ❖ Duck
 - ❖ Fish
 - ❖ other water animals



Minerals and Fuels

Rocks on the earth are made up of substances called **minerals**.



- ❖ **Minerals are another important natural resource.**
- ❖ **The minerals obtained from the Earth are in an impure form.**
- ❖ **They are purified and used to make a number of things.**



We get metals such as:

- ❖ **Iron**
- ❖ **Copper**
- ❖ **Aluminium**
- ❖ **Gold**
- ❖ **Silver**

- ❖ **Metals are shiny as well as hard.**
- ❖ **We also get other substances such as diamonds.**
- ❖ **Mica and limestone from minerals.**



Fossil Fuel

teachoo.com

Fossil + Fuel = Fossil Fuel



Remains of
dead Plants
& Animals



Material
burnt to
produce heat

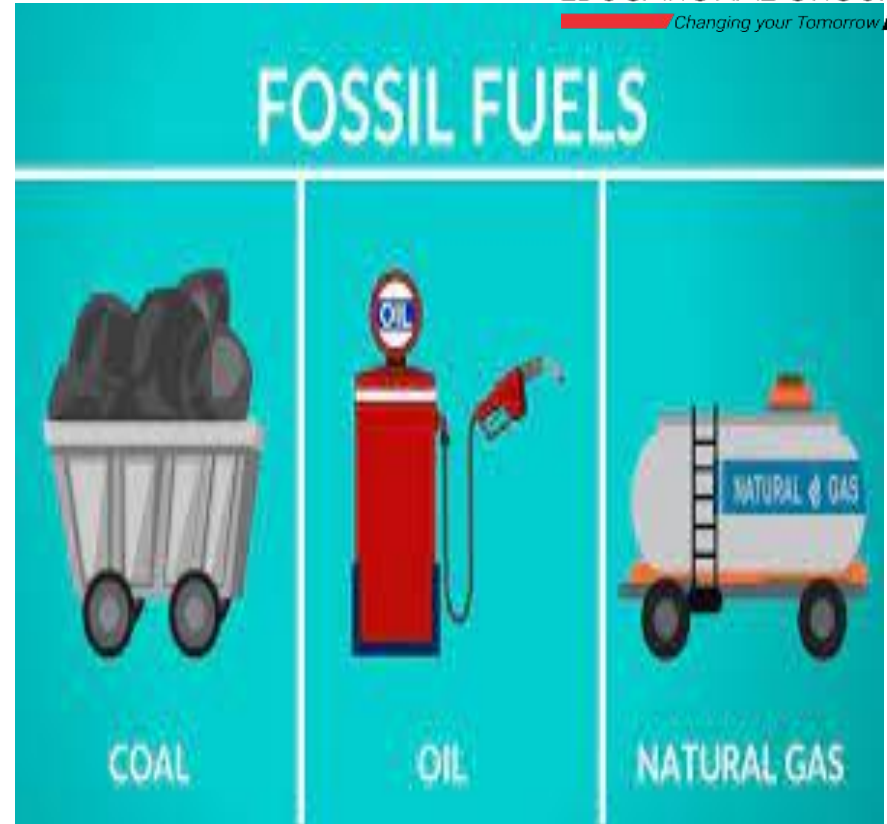


Fuel obtained
from dead Plants
& Animals

Fuels

Fuels such as petrol, diesel, natural gas and coal are also obtained from the Earth.

Petrol, diesel and natural gas are obtained from petroleum.





- ❖ The mineral resources on the Earth are non-renewable.
- ❖ Once used up they will not be available to us anymore.



Iron

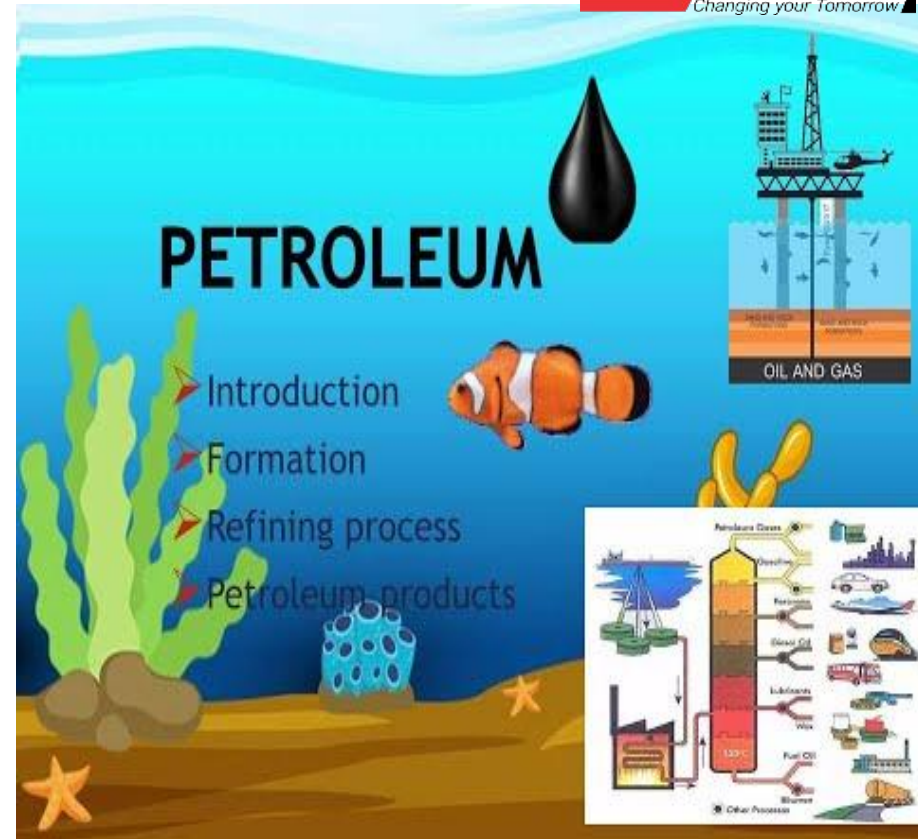


Copper



Gold

- ❖ Petrol, diesel and natural gas are obtained from petroleum.
- ❖ The mineral resources on the Earth are non-renewable.
- ❖ Once used up they will not be available to us anymore.
- ❖ Minerals such as coal and petroleum, which give us fuels for providing energy, are being used up rapidly.
- ❖ We should use these resources carefully and not waste them.



Ways to conserve fuels:

To save natural resources, follow the three “R”s:

- ❖ Reduce
- ❖ Reuse
- ❖ Recycle.



Q3 List four uses of soil. Which use, in your opinion, is the most important?

Ans. Four uses of soil are:

- a. Soil is used to make building materials such as bricks and cement.**
- b. Soil is home for many big and small animals.**
- c. Soil is used to grow crops.**
- d. Soil is used to make pots and utensils.**

Q4. Name four products that we get from forests.

Four products that we get from forests are:

- a. wood**
- b. paper**
- c. medicine**
- d. oxygen**

HOMEWORK



Write the name of one natural resource and its uses.

LINK FOR SUBMITTING SUBJECT ENRICHMENT ACTIVITY

<https://forms.gle/weKoBpN57z84VA8U6>

LEARNING OUTCOME:

- **Students will be able to describe the uses of soil.**
- **Students will know that soil is an important natural resource.**

THANKING YOU
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