

Vidya Bhawan Balika Vidyapeeth, LKR.

Class-8<sup>th</sup>, Sub. -Social Science, 28-08-2021

### Ch3-Ingredients of modern Industry (Geog.)

Minerals & Power resources are ingredients of modern civilization. It gives energy to work. The food we eat & the water we drink, all contain minerals.

A mineral is a naturally occurring substance on the earth having a definite chemical composition. We get minerals from rocks.

Minerals occur in different types of rocks. Some occur at shallow depths of the earth while occur deep inside the earth. Minerals in the raw state from which metals are profitably extracted, are called **mineral ores**. The economic activity concerned with the extraction of minerals from under the ground is known as **mining**. Formation of minerals is a natural process which extends over millions of years.

It has its own physical properties like density, hardness, colour & chemical properties like solubility. There are more than 2500 minerals that have been identified on the earth's surface.

#### Importance

Minerals are the backbone of industrial development.

Minerals are necessary for the production of tools, machines, farm implements, defence equipment, automobiles, railway engines, ships & drilling machines. , houses, bridges, flyovers etc.

They are used in the manufacture of jewellery, coins, utensils & decorative items.

#### Next topic

Types of minerals

Mining of minerals

Distribution of minerals in India & world.

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