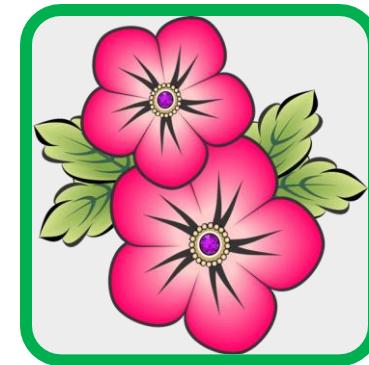




**"Nothing is
impossible.
The word itself
says
'I'm Possible'"**



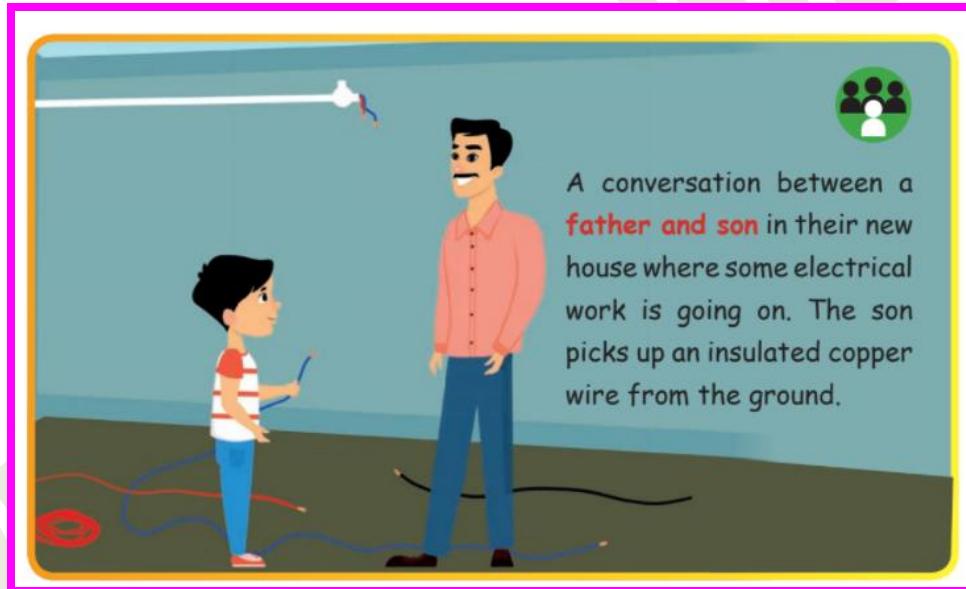


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Son: What is this daddy ?

Father: That is a wire. We are using it to give electrical connection in our house.

Son: This is blue thick wire and there are many thin metal wires inside this.

Father: The thin metal wires are made up of copper.

Son: Copper?



Father: **Copper** is one of the most used mineral in today's world.



Son: I have read about minerals in school. They are very useful and are found naturally on the **Earth**.



Father: You are right. **Copper** is very good conductor of electricity.



Son: Is it?



Father: Yes, **Copper** is used in all electrical appliances including computers, televisions, mobile phones and other electronic devices.





 **Son:** Wow. I did not know that. Tell me about other useful minerals.

Father: Another widely used mineral is **Iron ore**. It is mainly used to produce **iron**. 



 **Son:** What are the uses of Iron?

LET US KNOW Iron ores are found at **Kanjamalai** in Tamil Nadu.



Father: Iron is used to make vehicles, engines, railway tracks, ships, buildings, furniture, paper clips, tools, bicycles and thousands of other items.



Natural resources that once consumed, cannot be replaced are called non-renewable resources.

Think



Coal, Petroleum and Natural Gas are called **Fossil fuels**.
Iron, Copper, Bauxite, Gold, Silver and others are called **Mineral resources**.

LET US KNOW

Non-renewable resources can be divided into **three types**. They are:

- Metallic resources
- Non - metallic resources
- Fossil fuel resources





3rd STD SOCIAL STUDIES

Son: Interesting.
Is **Gold Ore** a mineral?



Father: Yes it is. **Gold** is extracted from **Gold Ore**. It is considered as one of the most precious mineral.

Son: That's why it is used in making jewels.



Father: You are right. **Gold** is also a very good conductor of electricity and it is found in small amounts in electronic devices including mobile phones, televisions and so on.

Son: Oh is it?



Think

Are there any minerals available in your district?
What are they?



Father: Another very useful mineral is **Bauxite**.

Son: Bauxite. I have never heard of it.

Father: Bauxite is used to make **aluminium**. Aluminium is used in electronics, construction, vehicles and even in utensils.

Son: Tell me more about bauxite, Dad.

LET US KNOW!

The **bauxite** deposits are mainly found in the **Shervaroy hills** of Salem district, Tamil Nadu.



Activity:1

ACTIVITY
Let us write

Fill in the blanks.
(Gold, Iron, Copper)

_____ rod

_____ bowl

_____ bangles



Activity:2

Write the missing letters:

1. G o __ d

2. A l u __ i n i u m

3. C o __ p e r

4. E a r __ h

5. I r __ n



Health tips

Health Benefits of Almond

Help in increasing brain activity

Make your heart healthy

Lowers down High blood pressure

Give strength to your immune system

Good for pregnant women

Boost bone and teeth health

Lowers down bad cholesterol levels

Good for skin and hair health

Strengthen metabolism

Weight loss





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Lesson-2
Mineral Resources

5 D Words:

1. Copper
2. Earth
3. Rubber
4. Aluminium
5. Electricity



II Fill in the blanks

1. Thin metal wires are made up of copper.
2. Iron ores are found at Kanjamalai.
3. Gold is used in making jewels.
4. Bauxite is used to make paper.
5. Potash is used for making fertilizer.



IV) Choose the correct answer.

1. The metal inside the wires are made up of copper.
[zinc / copper]
2. Gold is used in making jewels. [Bauxite / Gold]
3. Which mineral is used as fertilizer? Potash
[potash / iron ore]

4. Zinc is found in fish.
[milk / fish]

5. Which mineral is used in Aircraft making industry?
Bauxite [zinc / Bauxite]



IV

Match the following

1. Bauxite - Aluminium
2. Iron Ore - Railway tracks
3. Lime Oxide - Rubber Products
4. Metal wires - Copper
5. Potash - Soap



4) Answer the following questions:

1) Write a short note on Iron ore:

- * Iron ores are found at Kanjamalai in Tamil Nadu
- * It is mainly used to produce iron.

2) Name some minerals that are conductors of electricity

- * Copper
- * Gold



3. Name some minerals found on the earth.

- * Iron
- * Copper
- * Gold
- * Silver

4. Write some Fossil fuels:

- * Coal
- * Petroleum
- * Natural gas



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Thank You!