



Grade : 4

Subject: Science

2. MATERIALS FROM THE EARTH

Date: 27.06.22

Checkpoints

Fill in the blanks

1. A place where stones are dug out from the earth is called a **quarry**
2. **Graphite** is used as lead in pencils.
3. **Talc** is used to make talcum powder.
4. The baking of pottery in a kiln is called **firing**.

A. Tick the correct answer

1. This stone is generally used to make the top of kitchen counters.
A) graphite B) chalk C) **granite** D) slate
2. This store is used to produce electricity.
A) **coal** B) Marble C) Granite D) talc
3. This is also known as china clay
A) play B) Stone C) **Porcelain** D) Granite
4. One of these is a metal
A) graphite B) China clay C) marble D) **copper**
5. One of the following is used to make jewellery
A) iron B) coal C) **Gold** D) slate

B. Match the following

S.no	Column A	Column B
1.	Taj Mahal	Marble
2.	Diamond	Jewellery
3.	Lead in a pencil	Graphite
4.	Blackboard	Slate
5.	Talcum Powder	Talc

C. Name the metals used to make the following items

1. Copper
2. Gold
3. Aluminium

D. Write the names of the following materials in the group they belong to

S.no	Stone	Metal
1.	Marble	Iron
2.	Coal	Aluminium
3.	Ruby	Gold
4.	Granite	Copper

E. Write short answers.

1. Why is Granite used to make the tops of kitchen counters and stairs?

Ans: Granite is a very hard rock. It does not wear out easily. So, it is used to make the tops of kitchen counters and stairs.

2. How is Graphite used?

Ans: Graphite is used as lead in pencils. It is also used to make batteries.

3 How is Glass is made?

Ans: Glass is made by heating a mixture of sand (silica), lime and soda.

4. What are the uses of brass and bronze?

Ans: Brass is used to make utensils, locks and musical instruments.

Bronze is used to make bells, coins, medals and parts of musical instruments.

F. Answer the following

1.Differentiate between precious and semi-precious stones.

S.no	Precious stones	semi-precious
1.	rare and expensive	less expensive.
2.	make jewellery	make jewellery
3.	Example: diamond and ruby.	Example: garnet and topaz

2. How do we make pots from clay?

Ans: Clay is first moulded into various pots. The pots are dried and then baked in an oven called a kiln.

3. What is a furnace? Write its importance.

Ans: A furnace is like a huge oven which can be heated to very high temperatures.

Metals are separated from their ores by heating them in a furnace. The metals melt into liquids inside the furnace.

4. Write three uses of glass.

Ans: 1) Glass is used to make things such as window pants, bangles and mirrors.

2) It is used to make cooking vessels for ovens

3) It is used to make laboratory equipment such as beakers and flask

II.Think and answer

1.Two different families in a village are making their new houses .Family A is using bricks made of clay baked in a brick kiln, whereas family B is using unbaked bricks. Whose house will last longer and why?

Complete the answer in your own words.