



SARALA BIRLA PUBLIC SCHOOL

Birla Knowledge City, Mahilong, Ranchi

CLASS-VI (2020-21)

Sub: CHEMISTRY

Assignment-4



Chapter- Sorting of materials into group

Introduction- properties of material

We choose a material to make an object depending on its **property** and **utility**. Some properties are:

- 1) **Appearance**-Basing upon this property material will be either **lustrous** or **Non-lustrous**. Materials which have shine that is they have a lustre is called lustrous material. Eg. Gold, silver

And materials which don't have shine is non lustrous. Eg. Wood , coal. On exposure to air, most metals lose their lustre and we say that the metal is **tarnished**.

- 2) **Hardness**-Basing upon this property materials may be either **hard** or **soft**. Hard materials are those whose shape can't be change by pressing it. E.g.Hard materials are used to mark vehicles, machines. Stone, iron.

Soft materials can be pressed easily or it's shape can b changed easily. Eg Used to make cushions, clothes.

Answer the questions-

Q1. How do we choose a material to make an object?

Q2. Define lustrous material. Give 2 examples.

Q3. What do you mean by tarnish?

Q4. Explain the property of hardness of materials?

Q5. Name the universal solvent. Why is it called universal solvent?