

Materials Around Us

Chapter 10: This World of Things · Topic 1

Key Concept

Wood is used for furniture and toys because it is strong and easy to shape. Metal is used for utensils and tools because it is strong and durable.

Plastic is lightweight, waterproof, and can be moulded into many shapes, making it common in toys, containers, and packaging.

Glass is transparent and used for windows and bottles, though it can break easily, while cloth is soft and flexible, used for clothing and bags.

Understanding the materials around us helps us choose the right material for different purposes, based on their properties and uses.

Quick Revision Notes

- Wood is strong and easy to shape, used for furniture.
- Metal is strong and durable, used for utensils and tools.
- Plastic is lightweight and waterproof.
- Glass is transparent but can break easily.
- Cloth is soft and flexible, used for clothing.
- Each material has unique properties.
- We choose materials based on their properties.
- Understanding materials helps us use them wisely.

Practice Questions

- 1 Find five objects at home and identify their material.
- 2 Compare the properties of wood and metal.
- 3 Explain why plastic is used for water bottles.
- 4 Find something made of glass and describe its properties.
- 5 Sort objects by material: wood, metal, plastic, cloth.
- 6 Discuss why cloth is chosen for clothing.