CBS Knowledge Organiser

Year: 1

Science – Materials
What are materials?

What I already know

- I know that objects feel and look different based on the material they are made from.
- I am able to use different materials when painting and making art.
- Names of different objects.
- Some names of different materials.

New Knowledge/Facts

Children will be able to…

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Overview of unit:

Children will begin the unit by first identifying and naming different objects and materials. They will then move onto sorting materials into different groups e.g. paper, glass. Following on from this, children will learn about the properties of different materials and will complete tests to explore these. Towards the end of the unit, children will investigate the best material for a purpose, before revisiting sorting materials into groups, this time focusing on their properties e.g. shiny and dull.



Key Vocab

Word	Definition
Smooth	Smooth objects have no lumps or bumps.
Bendy	Bendy objects can be bent into a curved or folded shape.
Waterproof	Waterproof objects keep water out and stay dry.
Absorbent	If something is absorbent, it soaks water up.
Transparent	Transparent objects can be seen through.
Opaque	Opaque objects cannot be seen through.
Object	A material thing that can be seen or touched.
Materials	Something that things are made from.