

Science

Year 1-Everyday Materials

Prior Learning

I know about similarities and differences in objects and materials.

I can talk about things in my own environment and know how these might be different from one another.

Key Knowledge

Materials are the substances that things are made from.

We use lots of different materials every day, e.g. metal, plastic, wood and glass.

Different materials have different physical properties which make them useful for different things. A property is a quality that describes what something is like or how it behaves.

Some materials are used to make many things.

Key Concepts

Generate ideas -

I can observe and explore.

Investigate, observe and record -

I can take part in practical investigations and experiments



Hard Materials

Diamond

Metal

Concrete

Wood

Glass

Plastic

Rubber

Paper

Cotton

Soft Materials

Fabric

Wool

Key Vocabulary

object - A thing that can be used. For example a door, chair, car, table are all objects.

material - Materials are what an object is made from.

hard - Not easily broken or bent

soft - If something is soft, it is easy to cut, fold or change the shape of.

stretchy - Can be pulled to make it longer or wider without breaking.

rough - If something is rough, it feels and looks uneven or bumpy.

smooth - even surface with no bumps

Self Assessment

Let your teacher know

Tick one



I fully understand.



I need more practice.



I do not understand yet.

Self Assessment