



Prior learning to reactivate

- Similarities and differences between common, everyday objects (EYFS)

By the end of the topic, children should know...

This is made of...(wood, plastic, glass, metal etc)

This is cold, hard and shiny. It must be made of metal.

This is transparent, so it must be glass or plastic.

The water runs off this, it must be waterproof.

This is dull, opaque and smooth. It must be made of rock.

This is stretchy and floppy. It must be made of elastic.

Key vocabulary

Soft	Not hard, you can press it in.
Hard	Not soft, you cannot push it in.
Bendy	Is flexible, can be moved into another shape.
Stiff	Is hard, cannot be moved into another shape.
Waterproof	Doesn't let water in or through.
Dull	Not shiny.
Shiny	Has a smooth, glossy surface.
Transparent	You can see through it.
Opaque	Not clear—you can't see through it.
Smooth	Has no bumps or lumps.
Rough	Has bumps and lumps which can be sharp.
Stretchy	Can be pulled into another shape.
Floppy	Not stiff. Can flap or hang down.
Materials	Wood, plastic, glass, metal, rock, paper

SCIENTIFIC SKILLS

By the end of the year, children should be able to...

- Ask simple questions
- Observe closely
- Perform simple tests
- Identify and classify
- Use observations to suggest answers to questions
- Gather and record data

Opportunities for scientific enquiry within the unit:

- Build a castle using appropriate materials.
- Make a raincoat for the old man (Tin Forest)

