

What do I already know? Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes. (Early Learning Goal)

Science : YEAR ONE, AUTUMN 2

BIG IDEA: What's it made from?

KEY VOCABULARY

material	Materials are what an object is made from.
hard	Not easily broken or bent.
soft	Easy to cut, fold or change the shape of.
stretchy	Can be pulled to make it longer or wider without breaking.
shiny	Throws light back easily.
dull	Doesn't throw light back easily. Doesn't look bright or shiny.
rough	If something is rough, it feels and looks uneven or bumpy.
smooth	Smooth objects have no lumps and bumps.
bendy	Bendy objects can be bent easily into a curved or folded shape.
waterproof	If something is waterproof, it keeps water out. It keeps things dry.
absorbent	If something is absorbent, it soaks up water.
transparent	Transparent objects can be seen through.
opaque	Opaque objects cannot be seen through.

What material is it made from?

A material is what an object is made from. Everyday materials include wood, plastic, glass, metal, water, rock, brick, paper and fabric.



What are the properties of the object?

Is it hard, soft, stretchy, shiny, dull, rough, smooth, bendy, waterproof, absorbent, transparent, opaque?



What can it be used for?

Materials can be used for different jobs depending on their properties.



What material could we use to...
 ...make a good container to carry water?
 ...make a strong structure?
 ...make a window in a den?
 ...make an umbrella?



SECTION 5	DIAGRAM RELEVANT FOR CURRENT TOPIC	SYMBOL