

Knowledge Organiser - Science -Exploring Everyday Materials 1 - Key Stage 1 - Autumn 1 2025

Careers connected to materials:
builder, construction worker,
material engineer



Sticky Learning

- I have explored the natural world around them, making observations and drawing pictures of animals and plants
- I have learnt about living and non living things
- I have discovered that some things can change shape
- I have explored the process of melting
- I have learnt about different materials



Core Learning

Natural objects		Man-made objects	
	Objects floating		
			Objects sinking
	Objects which absorb water		Objects which repel water

Different Materials		Objects made from Materials	
	fabric		shirt
	metal		bolts
	wood		chair
	plastic		bottle
	Opaque		Transparent

Core Learning

1. Identify and name a variety of everyday materials
2. Distinguish between an object and the material it is made from
3. Describe the properties of everyday materials
4. Identify objects that are natural and those that are manmade
5. Predict and identify if an object will float or sink
6. Explore which materials are best for different objects



Circle the man-made objects.



Circle the objects which are floating.



Circle the objects made from wood.



Circle the objects made from plastic.



Circle the objects made from metal.



Circle the object which is absorbing water.



Circle the opaque objects.



**Rocket Words**

material	anything that is used to make something else
fabric	a piece of cloth
wood	a material that comes from trees
plastic	a man made material that can be melted to change its shape
metal	a shiny and strong material that is found in the ground
property	a characteristic of something
opaque	not letting light pass through
transparent	see through