t Robert's Catholic Primary School Catholic Primary School

Science Knowledge Organiser- Autumn 2

Everyday materials

What should I already know?	What will I know at the end of the Unit?
• To know that some objects will float and sink • To know that some objects will freeze and melt • To start to make predictions • To talk about what I notice	• Objects are items or things. • A material is what an object is made from. • A variety of everyday materials, including wood, plastic, glass, metal, water and rock. • Property refers to how a material can be described. • Materials can be grouped based on their physical properties. • Working scientifically to sort objects based on the materials they are made from; Group objects based on their properties; Suggest ways to test materials for their properties; Make predictions and recognise whether they were accurate; Use their observations to answer questions; Begin to recognise if a test is fair.

Key Vocabulary

wood 

fabric 

glass 

rock 

plastic 

metal 

material 

object 

group 

absorbent 

waterproof 

tough 

Links to Careers



Architect



Builder



Product designer

Links to Catholic Social Teaching



Recylcable materials









Materials



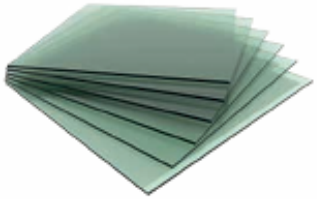
wood



plastic



metal



glass



rock



water

Materials have different **properties.**

hard	bendy	heavy
soft	rough	light
stretchy	fluffy	shiny
stiff	cold	strong
smooth	sharp	fuzzy



waterproof — Stops water getting through.



absorbent — Soaks up and holds on to water.



transparent — See-through.