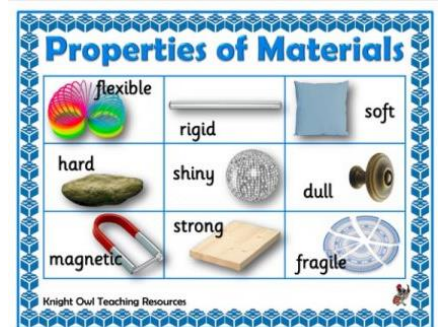


Selby Community Primary School Subject Knowledge Bank

Science		Year 1	
Focus: Everyday Materials			
Age related scientific vocabulary			
object	Anything that can be seen or touched and that is not alive.	observation	Carefully watching someone or something.
material	A substance that an object is made from e.g. wood, metal, plastic.	experiment	A scientific test to find out what happens to something in particular conditions.
properties	The qualities that a material is known by, making them suitable for particular purposes e.g. hard, shiny, smooth, flexible, waterproof etc.	equipment	Tools/device/kit used for a particular purpose.
prediction	A statement that something might happen or is expected to happen.	conclusion	A final decision or judgement.



Key Knowledge

- Objects are made from materials.
- Wood, plastic, glass, metal, rock and fabric are types of materials.
- Words such as: strong, hard, rigid, soft, bendy, light, heavy, transparent, rough, smooth, absorbent, waterproof, dull and shiny, can be used to describe the properties of a material.
- The properties of materials make them suitable for different purposes e.g. cutlery – metal – strong, hard and smooth.
- An object that is transparent can be seen through.
- Absorbency is a materials ability to soak up a liquid.
- A material that does not allow water in/through is waterproof.
- Scientists do experiments to find answers to questions.
- Scientists use equipment to help them carry out an experiment.