Materials Properties
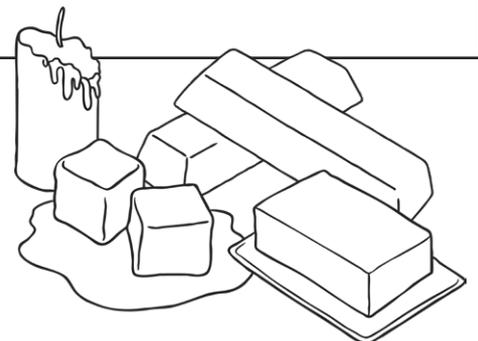
Differentiated Property Words

Easy	Medium	Hard
smooth	flexible	non-magnetic
blunt	transparent	magnetic
strong	dull	reflective
soft	tough	absorbent
bendy	runny	permeable
stretchy	waterproof	brittle
hard	opaque	translucent
weak	solid	conductive
rough	rigid	slimy
sharp	shiny	liquid

Materials Properties and Definition

Put the correct definitions with the property words in this table.

magnetic	
reflective	
absorbent	
permeable	
translucent	
flexible	
hard	
flammable	
insulating	
transparent	

Materials Properties and Definitions

What object is it?	What is it used for?

What materials are used?	Why choose those materials?

Materials Properties and Definition
Answers

Put the correct definitions with the property words in this table.

magnetic	Is attracted to magnets.
reflective	Will bounce light off its surface.
absorbent	Is able to soak up liquid easily.
permeable	Will allow liquids and gasses to pass through it.
translucent	Will let some light pass through them but not enough to see detailed shapes.
flexible	Easy to bend.
hard	Solid, firm and rigid, not easily broken, scratched or pierced.
flammable	Will easily catch fire and burn quickly.
insulating	Will stop energy such as electricity or heat from transferring through.
transparent	Light passes through easily and objects are seen clearly.