

# 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.

<b>magnetic</b>	
<b>reflective</b>	
<b>absorbent</b>	
<b>permeable</b>	
<b>translucent</b>	
<b>flexible</b>	
<b>hard</b>	
<b>flammable</b>	
<b>insulating</b>	
<b>transparent</b>	

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

# 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.

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