Lesson 9

Sorting materials by their properties

Materials

Words to use

Material · Property · Waterproof

Our question

> How do the properties of a material help us choose it for a job?

What we found out about each material. Write one word or a few in each box.

Material	Hard or soft?	Bendy or stiff?	See-through? Yes or no	A drop of water: sits on top or soaks in?
wood block				
clear plastic				
fabric scrap				
aluminium foil				
glass jar				

Our sort. Write your two property words at the top of the columns (such as bendy and stiff), then tick where each material went.

Material	_____	_____
wood block		
clear plastic		
fabric scrap		
aluminium foil		
glass jar		

Choose a job for each material, and use a property word to say why. For example, rubber would make good wellies, because it is waterproof.

Material	It would make a good…	because it is…
wood block		
clear plastic		
fabric scrap		
aluminium foil		
glass jar		

Which material from the tray would make a bad raincoat? Why?