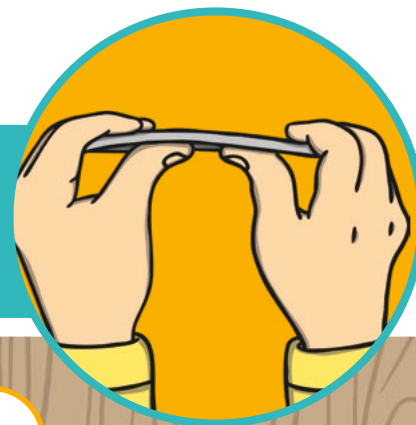
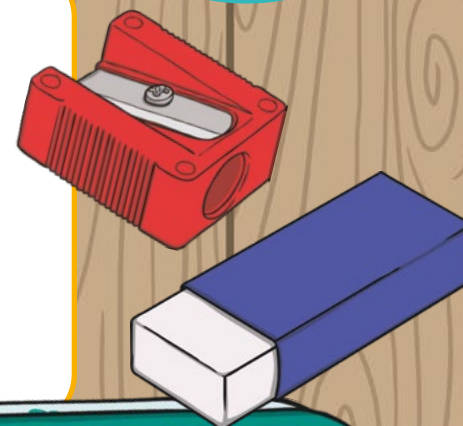


Pencil Case Materials

The **properties** of a **material** are what the material is like to look at or touch and how it behaves (e.g. 'smooth' or 'stretchy').



- First, select which material each item from the pencil case is made from.
- Then think about the properties of the material it is made from (if you have any of the items available, hold the object carefully and think about how it feels). Now think about what the object is used for and how its properties help.
- Fill in the table below with your findings, using the word bank to help you.



Word Bank

strong

hard

soft

stiff

flexible



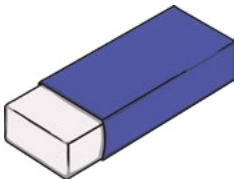
hard-wearing

lightweight

transparent

stretchy

waterproof

Item	Main material it is made from	Why is it made from this material? Think about the properties of the material, e.g. This object is made of plastic because it is strong.
Pencil case 		
Ruler 		
Rubber 		

Pencil sharpener 		
Pencil 	and graphite (the material inside the pencil)	

Can you add your own examples, using objects you have? Add them here:
