

What I might already know: Name everyday materials and describe some of their properties.

KEY QUESTIONS:

What we will be learning:

Which material would be best for ....?

Comparative and Fair Testing



Can you group these items according to their properties and uses?

Identifying, Classifying and Grouping



**Key Vocabulary:**

- **squashing, twisting stretching, stiff, bending**
- **Absorbent:** *able to soak up liquid easily.*
- **Opaque:** *Not able to be seen through.*
- **Transparent:** *completely see-through.*
- **Translucent:** *let some light through but not completely see through.*
- **Reflective:** *reflects light easily.*

Changing materials

squashing



Clay can easily be pushed and pulled.

bending



Foil is bendy and waterproof.

twisting


















This plastic bottle's shape can be changed.

stretching



A balloon is very flexible.

Material	Properties	Uses
wood 	opaque hard strong	table 
metal 	shiny smooth reflective	fork 
plastic 	waterproof bendy translucent	water bottle 
glass 	transparent waterproof hard	window 
brick 	hard rough dull	wall 
rock 	strong hard rigid	fireplace 
paper 	tears easily translucent flexible	book 
cardboard 	dull non-reflective opaque	boxes 
fabric 	flexible Soft absorbent	clothes 