



Sorting materials by their properties

materials

What you need: small wooden block or wooden ruler · clear plastic bottle or cup · fabric scrap (cotton or felt) · aluminium foil piece · small glass jar · shallow water tray or dish · sorting hoops or labelled paper mats · property word cards (hard, soft, bendy, stiff, see-through, waterproof) · wooden spoon and plastic spoon for the hook

Words to use

Material · Property · Waterproof

Our question

Which property made the biggest difference to the job each material suits?

Words to sort

wood block · clear plastic · fabric scrap · aluminium foil · glass jar

Choose one property pair at a time and place each material in the matching group, then re-sort by a second property pair

Group 1	Group 2	Group 3

How does it feel when you hold it?

Does it bend or stay stiff?

Can you see through it?

