

Investigate the materials in this tray.

Can you sort any of the materials into groups?

**What headings should be put on the groups?
Which words could you use to describe them?**

**Can you sort them another way?
How many different ways can you sort them?**

Observe the sugar, paint powder and flour in the jars.

What will happen to each when mixed with water?

Can you get each solid back out of the water?

How?

Look carefully at the mixture.

How could each different item be separated?

What equipment might be needed?

What would you do first? What next? Etc.

Look at the materials and the objects.

Can you match each material to the object it would be suitable for?

What makes each material suitable for the object you have chosen?

Which material would NOT be suitable for each object and why?

YEAR 5
PROPERTIES AND CHANGES OF MATERIALS:
04 – USES OF MATERIALS



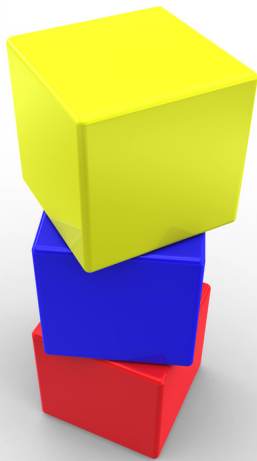
METAL



WOOD



GLASS



PLASTIC



PAPER



ROCK

YEAR 5

PROPERTIES AND CHANGES OF MATERIALS:

04 – USES OF MATERIALS

BOOK

WALL

RAINCOAT

CAR

WINDOW

CHAIR

Observe each item on the trays.

What has happened to each?

Why has this happened?

**Which of these can be changed
back again? How?**

Mix the powder and vinegar.

Describe what happens.

Why does this happen?

What is left in the beaker?