

Properties of Materials

Solids and Liquids

Properties of Materials: Solids

These items are all solids!

What do they have in common?
Share the adjectives you thought of.

Materials in a solid state keep their shape unless a force is applied to them.

Solids can be cut, squashed or twisted. They will not change shape on their own.

Solid materials always take up the same amount of space. They do not spread out or flow. Solids do not have to be hard. They can be squashy or soft.



Properties of Materials: Liquids

These items are all liquids!

What do they have in common?

Share the adjectives you thought of.

Materials in a liquid state take the shape of the container they are in.

Although liquids can change shape, they do not change their volume. This means they still take up the same amount of space.

Liquids are pulled down to the bottom of a container by gravity.

Liquids can flow or be poured.

