

# Properties and Changes of Materials

## Recap:

- Solids stay in one place and can be held.
- Liquids can flow or be poured easily
- Gases are often invisible.
- When the particles of a solid mix with the particles of a liquid, this is called dissolving.
- Some materials can be separated after they have been mixed based on their properties - this is called a reversible change.

## Crucial Knowledge:

- An irreversible change is when a mixture cannot be separated back into the original components.

## Extended Knowledge:

- Burning is an irreversible change
- Burning wood produces ash.
- Acid mixed with bicarbonate soda is an irreversible change

