

## Did you know?

- In times long ago, sweat was used as an ingredient in perfume and love potions. Yuck!
- The word 'potion' originates from the Latin word *potio*, meaning 'drink'.
- The ancient Romans used the deadly nightshade plant as a poison. The wife of Emperor Augustus is rumoured to have used it to kill him.
- Many solids are made up of tiny crystals. Their particles are arranged in a regular pattern called a crystalline structure.
- Mercury is a fascinating but very poisonous liquid metal. When dropped onto a surface, mercury forms beads or droplets. This happens because the forces between the mercury particles are very strong, causing them to clump together.
- Gases are all around us, but most cannot be smelt or seen.
- A 'fart' is a combination of gases (nitrogen, carbon dioxide, oxygen, methane and hydrogen sulphide) that travels from a person's stomach to their bottom.
- Solid water is called ice. This form of water has the lowest energy and temperature.
- In gas form, water is called steam or vapour. When water boils, it will turn to vapour.
- The boiling point of water is 100 °C (212 °F).
- A gas can be turned into a liquid by increasing the pressure, squeezing the gas molecules tightly together.
- Two of the most famous wizards of all time are Harry Potter and Merlin.

