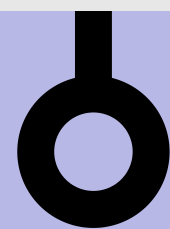
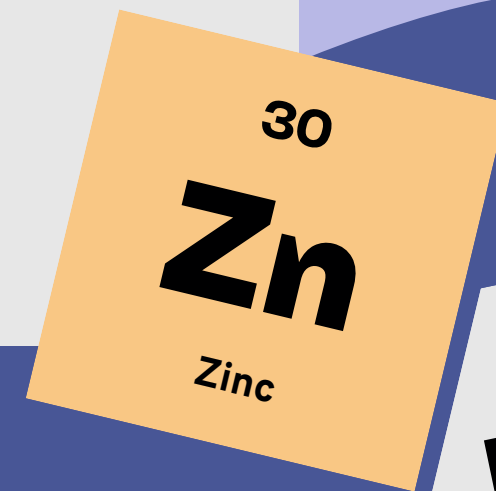
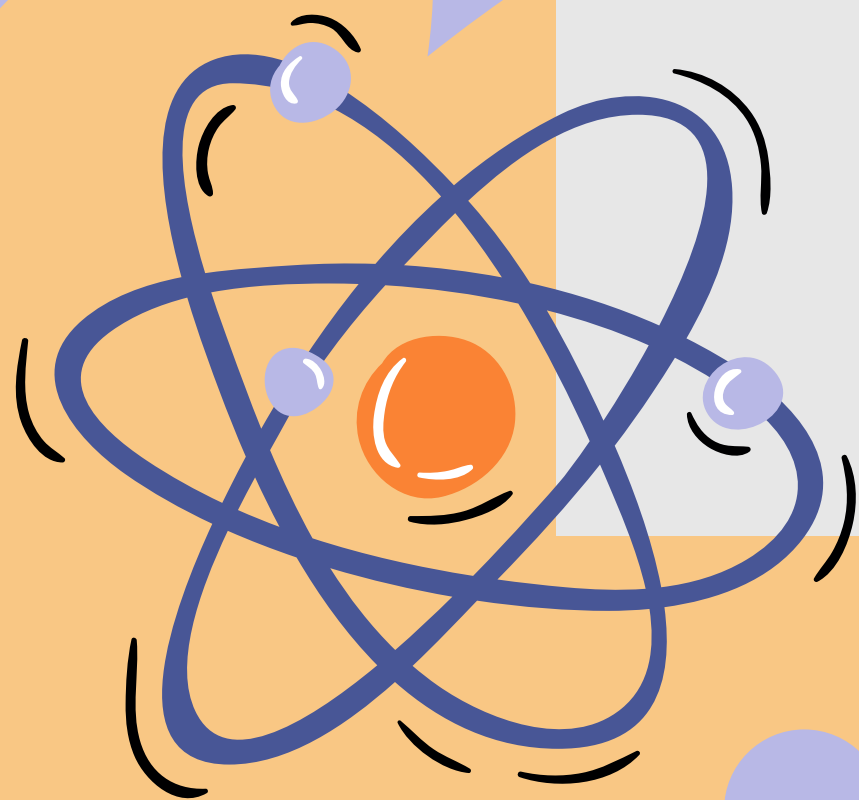




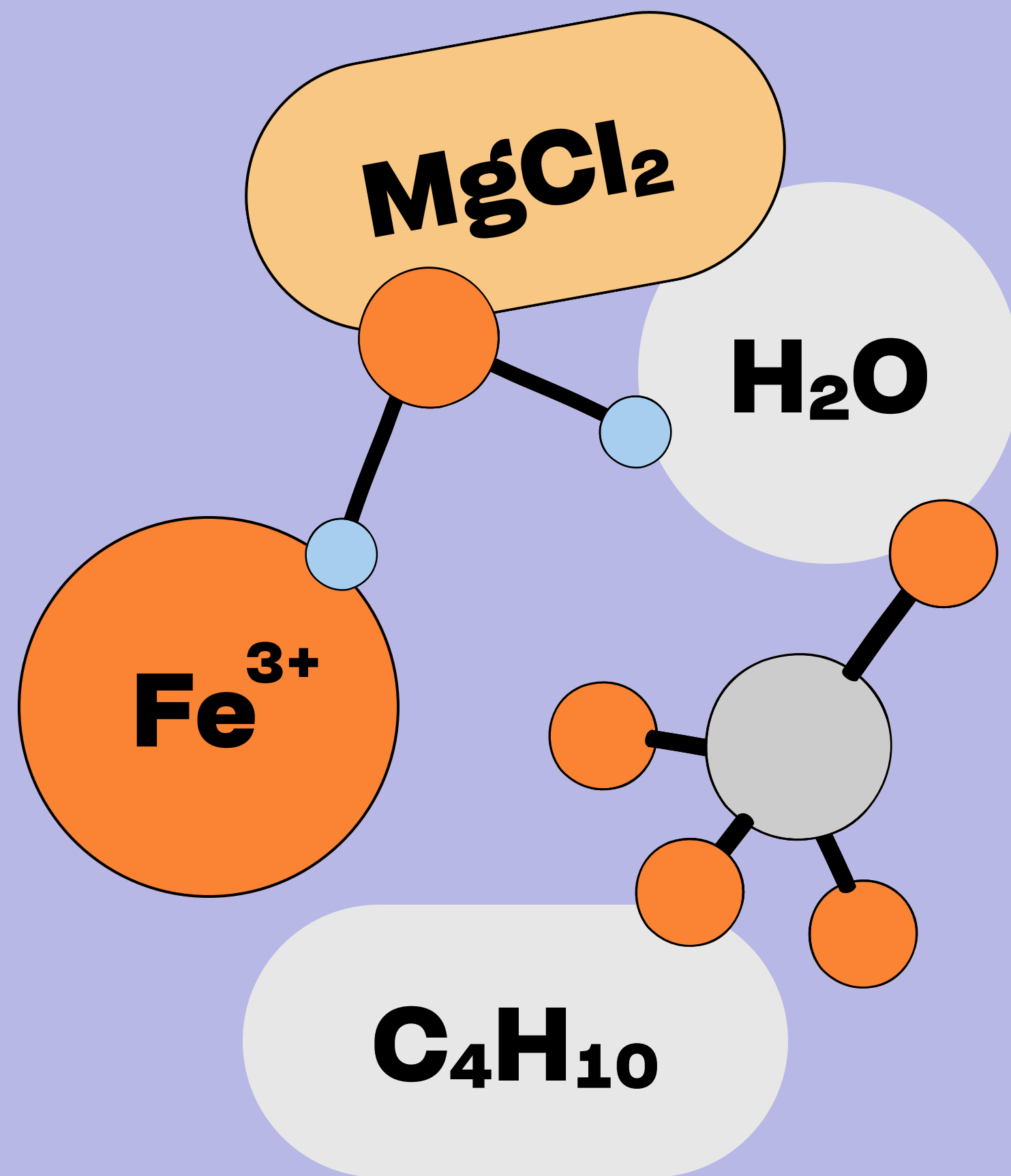
Chemical Symbols and Formulae

Understanding the Language of Chemistry



What do they mean?

Think of where you might have seen these symbols outside of the classroom.



Today, you will...

1

Represent elements using chemical symbols.

2

Understand the basics of IUPAC nomenclature in naming compounds.

3

Use chemical formulae to represent compounds.

Did You Know?

Swedish scientist **Jöns Jakob Berzelius** introduced the modern system of chemical symbols. He represented the elements using one or two letters from their latin names.

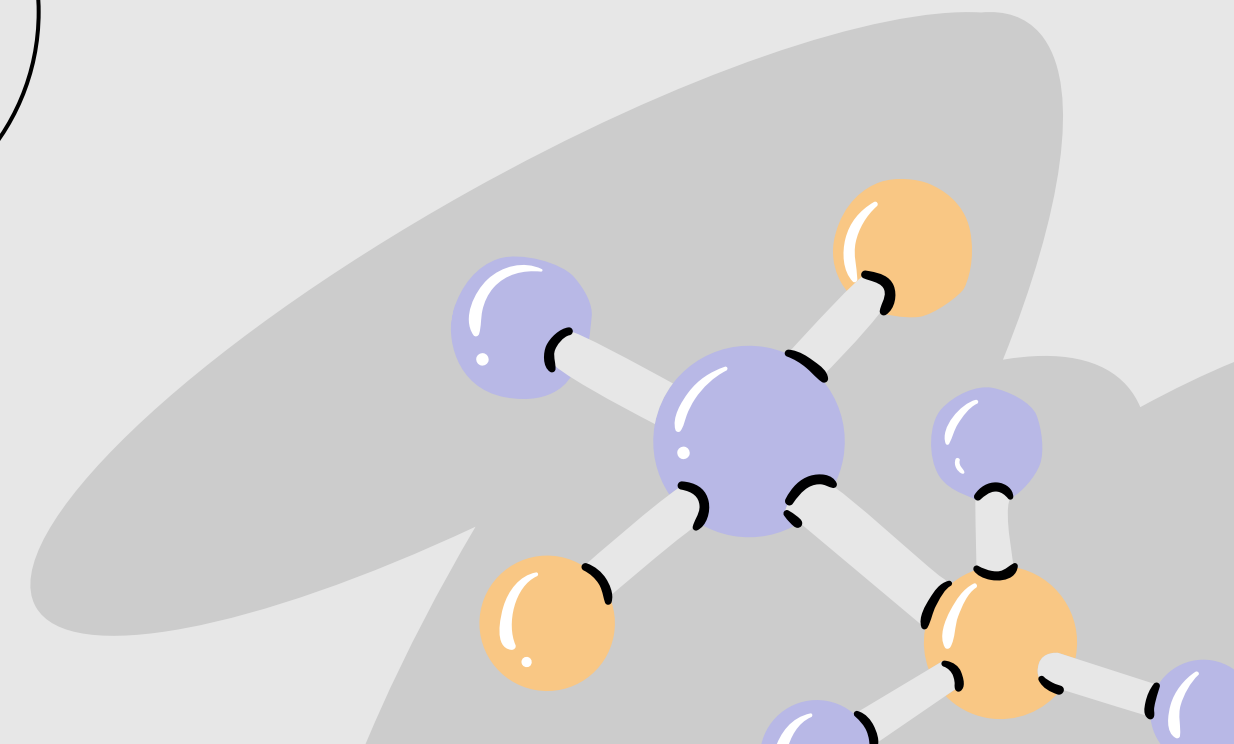
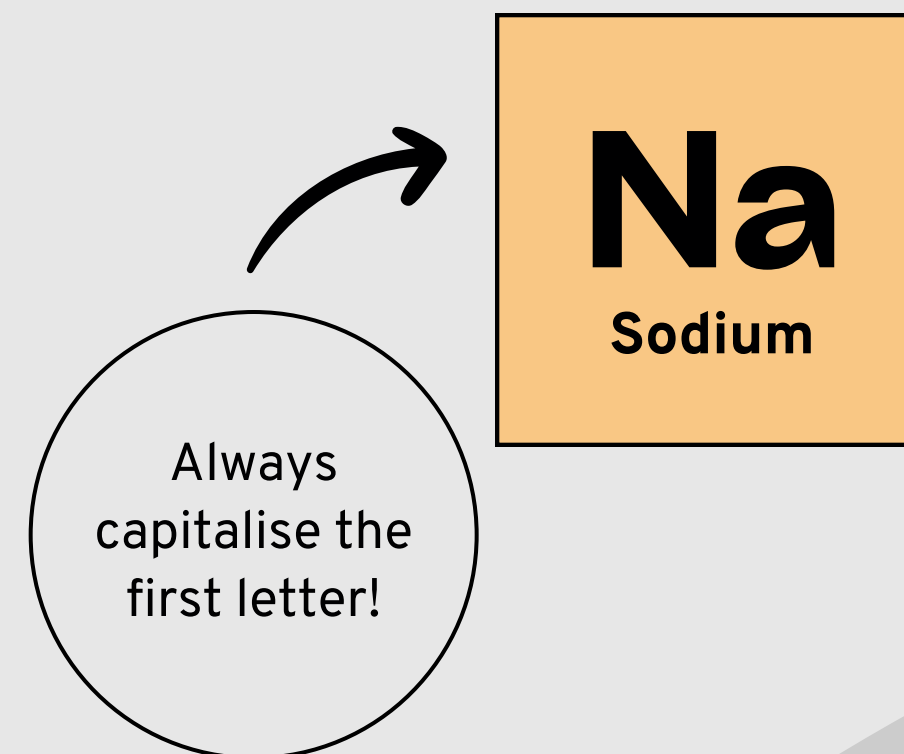


Chemical Symbols

These are **shorthand ways** to represent elements in chemistry.

Recall that **an element cannot be broken down** into simpler substances.

Each symbol is made up of one or two letters.





Importance of Chemical Symbols

They provide **standardised ways** of representing elements, making communicating information about elements and compounds easier.

They offer a **concise and simple way** to represent elements in chemical equations, eliminating the need to spell each element's name.