

# **Chemistry 1**

A simple chemistry textbook covering basic concepts.

## **Chapter 1: Atoms and Molecules**

All matter is made up of tiny particles called atoms. Molecules are combinations of two or more atoms held together by chemical bonds. For example, a water molecule (H2O) is made of two hydrogen atoms and one oxygen atom.

## **Chapter 2: Chemical Reactions**

A chemical reaction is a process where substances (reactants) change into new substances (products). For instance, when hydrogen reacts with oxygen, it forms water. Chemical reactions involve the breaking and forming of chemical bonds.