

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 (H_2O) 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.