

Keywords: Spring 1

Science

Topic Title: 7C2 Matter

Introduction to the topic: Why are you learning it and how does it link to what you've learned before?

The matter topic forms the building blocks of knowledge in chemistry and is crucial to extending your previous knowledge of particles and atoms.

What lessons will you cover during the topic?

Elements, atomic structure, periodic table, history of the atom.

Keyword	Definition
Atom	The smallest part of an element that can exist.
Element	A substance made of one type of atom only.
Compound	A substance formed by the chemical union of two or more elements.
Electron	Subatomic particle, with a negative charge and a negligible mass relative to protons and neutrons.
Molecule	A collection of two or more atoms held together by chemical bonds.
Particle	A general term for a small piece of matter. For example, protons, neutrons, electrons, atoms, ions or molecules.
Periodic Table	A tabular representation of all known elements in order based on atomic number, e.g. all the noble gases are found on the right of the periodic table.
Proton	Subatomic particle with a positive charge and a relative mass of 1. The relative charge of a proton is +1.