

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Elements and Compounds
Unit Reference Number:	L/615/6295
Level:	1
Credit Value:	3
Minimum GLH:	26

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Recognise the structure of the atom	1.1 On a simple model of the atom, identify: a) The Nucleus b) Electrons c) Protons d) Neutrons
	1.2 Give a definition of: a) Relative Atomic Mass b) Electronic Charge c) Isotopes
2. Be able to read the modern periodic table	2.1 Identify periods and groups including metals and non-metals
	2.2 Outline common trends within groups
3. Know types of chemical bonding	3.1 Outline different types of chemical bonding: a) Ionic b) Covalent c) Metallic

3.2 Outline the bonding of carbon in natural and synthetic compounds, including:

- a) Diamond
- b) Graphite
- c) Fullerenes
- d) Graphene

4. Understand particles

4.1 Compare and group materials together according to their properties and whether they are solids, liquids or gases