

Open Awards Qualification Unit



Comment [RP]: Is the title correct or should it be Atoms, Elements, Compounds and Minerals ?

This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Atoms and Elements
Unit Reference Number:	T/650/3416
Level:	Entry Level Three
Credit Value:	3
Minimum GLH:	30

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know about atoms and elements	1.1 State what atoms are
	1.2 State how atoms form molecules
	1.3 Identify elements are formed from molecules
	1.4 Identify elements on a periodic table
2. Know the structure and function of the periodic table	2.1 State what the periodic table is used for
	2.2 State how elements are arranged on the periodic table
3. Know about the chemical properties of atoms and elements	3.1 Identify elements in the same group of the period table
	3.2 Outline the chemical properties of elements in the same group of the periodic table
4. Know how elements react to form compounds	4.1 State how atoms in elements react to form compounds
	4.2 State how to recognise the elements in a compound from the name of the compound

5. Know that chemical reactions can be represented by word equations

5.1 Write word equations for:

- reactions of metals and non-metals
- reactions of non-metals to produce oxides
- other chemical reactions