

# Chemistry 9

**Time: 6 x 35 minutes per week**

**Course Description:**

*The grade 9 Chemistry course requires that students gain a general knowledge with understanding as well as handle and solve problems related to the different topics. Students are exposed to the essential principles of Chemistry such as atomic structure, chemical reactions, electricity and basic inorganic chemistry, through a variety of theoretical and practical studies.*

**Resources:**

**Harwood, R., Lodge, I., (3<sup>rd</sup> ed.) (2010), Cambridge IGCSE Chemistry Coursebook, Cambridge University Press, United Kingdom**

**Chemistry Matters GCE O Level Workbook (2 Edition)**

**Main Topics Covered:**

**Semester 1**

- The particulate nature of matter
- Purification methods
- Atoms, elements and compounds
- The periodic table
- Chemical changes
- Chemical energetic
- Reaction rate

**Semester 2**

- Chemical equilibrium
- Nitrogen and Sulphur
- Acids, bases and salts
- Metals
- Electrochemistry
- Air and water

## Assessment

Internal Assessment	Weighting
<ul style="list-style-type: none"><li>• End of Semester Examinations (SA1 + SA2)</li><li>• Continual Assessment ( CA1 + CA2 + CA3 + CA4) including:<ul style="list-style-type: none"><li>- Topic tests</li><li>- Assignments</li><li>- Practical and Alternative to Practical Test</li></ul></li></ul>	25 + 45 10 + 5 + 10 + 5
	100