

Chemistry (SL) 11

Time: 8 x 35 minutes per week

Course Description:

The IB Chemistry course combines academic study with practical investigations. An extensive syllabus is covered including physical, organic and inorganic chemistry. Strong emphasis is placed on developing practical and thinking skills through extensive practical work. Students are exposed to the use of Information and Communication Technology (ICT) in practical work.

Resources:

Owen, Steve (2014), **Chemistry for IB Diploma**, Cambridge University Press, UK
 Neuss, Geoffrey (2014), **IB Study Guide – Chemistry**, Oxford, UK.

Main Topics Covered:

Semester 1

- Quantitative chemistry
- Atomic structure
- Periodicity
- Bonding and structure
- Stoichiometrics
- Data processing & Measurement

Semester 2

- Kinetics
- Energetics
- Equilibrium
- First option

Assessment

Internal Assessment for Reports	Weighting
Quarter 1 – CA1 only Quarter 3 – CA3 only • End of Semester Examinations (SA1 Or SA2) • Continual Assessment (CA1 + CA2 Or CA3 + CA4) including: <ul style="list-style-type: none"> - Topic tests - Lab reports 	Quarter 2 (end of semester 1) – CA1+ CA2 + SA1 Quarter 4 (end of semester 2) – CA3+ CA4 + SA2 70 20 + 10
	100