

# Chemistry (HL) 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. In Grade 11, the course will focus on different topics from the core curriculum and its corresponding AHL topics.*

**Resources:**

Owen, Steve (2014), Chemistry for the IB Diploma 2<sup>nd</sup> Edition, Cambridge University Press, United Kingdom.  
Chemistry for the IB Diploma Study Guide (to follow as there is a change in curriculum)

**Main Topics Covered:**

**Semester 1**

- Measurement and Data Processing
- Quantitative Chemistry
- Atomic Structure
- Periodicity
- Bonding

**Semester 2**

- Energetics
- Kinetics
- Equilibrium
- Option
- IA First Draft

## Assessment

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