

# Chemistry (HL) 12 (2016-2017)

**Time:** 8 x 35 minutes per week

**Course Description:**

*Grade 12 IB Chemistry is an experimental science course that combines academic study with the acquisition of practical and investigational skills. The syllabus for the Diploma Programme Chemistry course is divided into three parts: the core, the Additional Higher Level (AHL) and the options. In Grade 12, apart from finalising the Internal Assessment, the AHL materials and 1 option are going to be covered. At the later part of the year, focus is mainly put on revision and preparation for exam.*

**Resources:**

Owen, Steve (2011), **Chemistry for IB Diploma**, Cambridge University Press, UK  
 Neuss, Geoffrey (2001) **IB study Guide Chemistry for standard and higher level**, Oxford University Press.

**Main Topics Covered:**

**Semester 1**

- Acids and Bases
- Reduction and Oxidation
- Organic Chemistry
- IA Samples Preparation

**Semester 2**

- Revision of all topics
- Preparation for IB final exam

## Assessment

Internal Assessment for Reports	Weighting
Semester 1:	
• Continual Assessment 1 (CA1) including:	
- Topic Tests and Assignments	20
• Continual Assessment 2 (CA2) including:	
- Topic Tests and Assignments	10
• Semester 1 Examination (SA1)	70
	<b>100</b>
Semester 2:	
• Continual Assessment 3 (CA3) including:	
- Topic Tests and Assignments	25
• Mock Examinations (SA2)	75
	<b>100</b>
NB. Three reports are distributed during the year. The first comprises CA1, the second CA2 and SA1 and the third CA3 and SA2.	<b>100</b>