

Biology (SL)12 (2016-2017)

Time: 8 x 35 minutes per week

Course Description:

The grade 12 IB Biology course builds on previously studied scientific concepts that encompass the human physiology and human nutrition and health. Special emphasis is given to scientific report-writing skills. The hands-on nature of scientific work, data-interpretation and communication in science is reinforced leading to a global approach to research. ICT skills and analytical proficiency using biostatistics underpin the internal assessments.

Resources:

**MinkaPeetersWeem (2007), IB Biology, 3rd Edition, Christopher P. and Antony M; IBID press.
Andrew Allott (2008), IB Study Guide, Oxford Publication.**

Main Topics Covered:

Semester 1

- Evolution and biodiversity
- Ecology
- Genetics

Data-based questions and lab investigations
Revision

Semester 2

- Human Physiology
- Revision

Data-based questions and lab investigations
final submissions

Assessment

Internal Assessment	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
	100
Semester 2:	
• Continual Assessment 3 (CA3) including:	
- Topic Tests and Assignments	25
• Mock Examinations (SA2)	75
	100
NB. Three reports are distributed during the year. The first comprises CA1, the second CA2 and SA1 and the third CA3 and SA2.	