



## Year 7 - KS3

### IB MYP - SCIENCES

#### What does this course involve at Key Stage 3?

At Key Stage 3, science is taught following the Middle Years Programme (MYP) in ability sets. The curriculum is focused on the key concepts and processes vital to the understanding of science; these are the essential skills and processes that students need to learn to make progress. The programme of study for Key Stage 3 builds on Key Stage 2 to develop scientific and mathematical reasoning and competency in practical investigation.

Year 7 and 8 students are assessed on four key criteria for each topic they study. Plus there is a mid-year assessment early Feb and an end-of-year assessment on everything they have studied at the end of June.

At the end of each module, any topic assessment along with classwork and homework will be given a level between 1-9 to represent depth of understanding of the topics covered.

**Useful Resources** Online text books, topic glossaries, learning outcome checklists – all via the Kerboodle platform - [www.kerboodle.com](http://www.kerboodle.com). Revision activities and homework via Doodle - [www.doddlelearn.co.uk](http://www.doddlelearn.co.uk) KS3 Science Study Guide (with online edition) - Higher: Revision Guide - Levels 5-7 (Revision Guides) by CGP - £3.50 via ParentPay; £4.80 on Amazon; £4.95 at Waterstones

All homework is set via the ShowMyHomework online platform – [www.showmyhomework.com](http://www.showmyhomework.com) so students and parents can access it through their phones, laptops, tablets and computers.

#### Year 7 Scheme of Learning

Working Scientifically	Planning, carrying out and writing up a scientific investigation
B1 Biology	Cells
	Structure and function of body systems
	Reproduction
C1 Chemistry	Particles and their behaviour
	Elements, atoms and compounds
	Reactions
	Acids and alkalis
P1 Physics	Forces
	Sound
	Light
	Space