



### General Aim of the subject

A high-quality science education provides the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. Science has changed our lives and is vital to the world's future prosperity, and all pupils should be taught essential aspects of the knowledge, methods, processes and uses of science.

By offering Science at BIS Abu Dhabi, we aim for our students to develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics ; to develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them and to be equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

### Year 8 Curriculum Content

Number of lessons per timetable cycle: 8

Term	Term 1	Term 2	Term 3
Topic	The Periodic Table; Earth Science; Energy and Magnetic forces; Light and Sound Waves; Plants and Photosynthesis, Health and the Human Body.	The Periodic Table; Earth Science; Energy and Magnetic forces; Light and Sound Waves; Plants and Photosynthesis, Health and the Human Body.	The Periodic Table; Earth Science; Energy and Magnetic forces; Light and Sound Waves; Plants and Photosynthesis, Health and the Human Body.
Assessment	End of topic tests, homework tasks and end of year test.	End of topic tests, homework tasks and end of year test.	End of topic tests, homework tasks and end of year test.

### Useful website(s):

<http://www.educationquizzes.com/ks3-for-students/>

<http://www.bbc.co.uk/education/levels/z4kw2hv>

<http://www.planet-science.com/categories/under-11s.aspx>