

### Curriculum Plans – Key Stage 3 Year 7 Science

Please find below a detailed outline of the curriculum covered in Science through Year 7 in Key Stage 3.  
**Year 7**

	Term 1.1	Term 1.2	Term 2.1	Term 2.2	Term 3.1	Term 3.2
<b>Topics</b>	<p>Working Scientifically: <b>Introduction to lab safety and equipment- Practical assessment</b></p> <p>Biology: <b>Cells- Cell types and structure, cell specialisation and hierarchy or organisation</b></p>	<p><b>Chemistry: Materials and their Structure- States of Matter and Atoms, Elements and Compounds.</b></p> <p>Physics: <b>Forces and Energy- Gravity, Weight and Mass, and Energy.</b></p>	<p>Working Scientifically: <b>Scientific Method- Practical assessment</b></p> <p>Biology: <b>Grouping and Identifying Organisms- Viruses, classification and speciation</b></p>	<p><b>Chemistry: Properties of Materials- Metals and Non-Metals, Acids and Alkalis</b></p> <p>Physics: <b>Earth Physics- Sound, structure of the Earth and its cycles.</b></p>	<p>Biology: <b>Micro-organisms in the environment- Impact of micro-organisms on food webs</b></p> <p>Chemistry: <b>Changes to Materials- Simple Reactions and Neutralisation</b></p>	<p>Physics: <b>Electricity- Circuits, Components and Current.</b></p>
<b>Assessment</b>	EoU assessment and practical assessment focusing on Health and Safety	EoU assessments and constructing atomic models.	EoU assessments and practical assessment focusing on identifying & controlling variables.	EoU assessment and pH rainbow.	EoU assessment and ecosystems presentation.	EoU assessment  End of year assessments
<b>Support Materials</b>	Cambridge Lower Secondary Learner and Work book. Facilities and equipment for practical experiments.					
<b>Extension (Stretch/Challenge)</b>	Application of context, sneak peaks and GCSE content, reflection and improvement opportunity, responding to feedback, self-evaluation and assessment question level analysis.					



P.O. Box 26367, Adliya, Kingdom of Bahrain  
Tel + 973 17728886