

Science Department
Curriculum Overview - Year 7

The Big Picture:

Year 7 will study the first part of the KS3 Science curriculum. It will cover topics from all three Sciences to ensure a broad and varied curriculum. Pupils also begin to learn the skills needed to be a scientist, with aspect of the scientific process introduced. Practical hands on lesson are used as often as possible so that pupils can see Science in action. The topics are listed below in the terms they will be taught.

AO1: Demonstrate knowledge and understanding of the topic.

AO2: Apply your knowledge and understanding of the topic and use your scientific ideas.

AO3: Analyse information in a scientific context and use your understanding to make predictions and evaluations.

<p>Term 1: Cells and Particles</p> <p>Green Task: Comparing cells, Changes of state</p> <p>Assessment Objectives covered –AO1, AO2, AO3</p>	<p>Term 4: Reproduction cont'd and Reactions cont'd</p> <p>Green Task: Seed dispersal, making a salt</p> <p>Assessment Objectives covered – –AO1, AO2, AO3</p>
<p>Term 2: Forces, Atoms elements and compounds</p> <p>Green Task: Hooke's Law, Naming compounds</p> <p>Assessment Objectives covered - AO1, AO2, AO3</p>	<p>Term 5: Waves and Acids and Alkalis</p> <p>Green Task: Reflection and Refraction, Neutralisation</p> <p>Assessment Objectives covered – AO1, AO2, AO3</p>
<p>Term 3: Reproduction and Reactions</p> <p>Green Task: Adolescence, compare chemical and physical changes</p> <p>Assessment Objectives covered – AO1, AO2, AO3</p>	<p>Term 6: Acids and Alkalis cont'd Space Project</p> <p>Green Task: Seasons and Solar system.</p> <p>Assessment Objectives covered – AO1, AO2, AO3</p>