

## Curriculum - Breakdown

For subjects such as Art, DT, Computing and Performing Arts, please see their individual pages, due to the nature of their subjects.



Learners will cover a range of practical skills that reinforce and enhance those covered in Year 7

Students will learn how plant lifecycles, entomology and learned behaviour all contribute to the scientific understanding that allows crimes to be solved.

Learners will also look at fingerprinting, DNA typing and other techniques that are used.

Students will look at the different types of rocks that make up the earth and how these rocks are converted during the rock cycle.

Students will also look at how the atmosphere and how it can be affected by the actions of humans

Students will look at pressure and hydraulics and apply physics to real life situations. Learners will also have the opportunity to use a range of mathematical skills in these contexts.

All living organisms have similarities in cellular structure, biochemistry and function.

Light and electron microscopes, the structure of prokaryotic and eukaryotic cells, and the functions of organelles. The structure and mode of enzyme

Effect of pH on enzymes in a core practical.

Transport across cell membrane:: diffusion, active transport and osmosis. In a core practical, learners investigate the effect of water potential on osmosis.

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Students will learn how to use information to predict the state of a substance.

Students will learn how to identify substances using melting points and Chromatography. Students will learn how to choose a method based on the properties of the substances in a mixture.

Investigating inks

	<p>Describing Jobs</p> <p>Learning Languages</p> <p>Saying what you used to do when little</p> <p>Discussing Future dreams and Goals</p> <p>Job Aspirations</p> <div data-bbox="368 548 810 716" style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <ul style="list-style-type: none"> <li>- Modal Verbs</li> <li>- Imperfect tense</li> <li>- Combining Imperfect and Future tenses</li> </ul> </div>		<p>Parts of the body</p> <p>Sport</p> <p>Healthy Eating</p> <p>Fitness and Lifestyle Choices</p> <p>Health Issues</p> <div data-bbox="1219 548 1626 716" style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <ul style="list-style-type: none"> <li>- Il faut</li> <li>- Simple Future</li> <li>- Combination of three future tenses</li> <li>- Definitive Article</li> </ul> </div>		<p>Asking Questions (Inversions)</p> <p>Adventure Holidays</p> <p>Who you go with and why</p> <p>Tourist Attractions</p> <p>Describing a holiday experience</p> <div data-bbox="2059 548 2502 716" style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <ul style="list-style-type: none"> <li>- Asking Questions</li> <li>- Conditional tense</li> <li>-</li> </ul> </div>	
	<p>Boys -Improving Health and Fitness through sampling a variety of training methods and Invasion games skills through sports such as Hockey,</p> <p>Girls - Net/wall and strike/field Game skills through Badminton and Rounders.</p>	<p>Invasion games skills through sports such as Hockey, Rugby and Basketball.</p> <p>Improving Health and Fitness through sampling a variety of training methods</p>	<p>Boys - Invasion games skills through sports such as Rugby and Net/Wall Games skills through Badminton</p> <p>Girls – Invasion games skills through Football and development of Sports Leadership skills.</p>	<p>Girls – Performance activities skills through Trampolining and Improvement against personal best achievements through Athletics</p> <p>Boys – Net/Wall Games skills through Tennis and development of Sports Leadership skills.</p>	<p>Improvement against personal best achievements through Athletics</p> <p>Boys – Strike and Fielding games skills through Rounders</p> <p>Girls – Net/Wall Games skills through Tennis</p>	<p>Improvement against personal best achievements through Athletics</p> <p>Boys – Strike and Fielding games skills through Cricket</p> <p>Girls – Net/wall and invasion team game skills through Rounders, Rugby and Basketball</p>

