



Subject Overview:

Subject: Science

Intent	Implementation	Impact
<p>Science education gives our students key skills in understanding, questioning and evaluating.</p> <p>Students completing our science programme will learn to question and test their own ideas and those of others. They will learn to work in a scientific manner, using evidence from observations to form evidenced conclusions.</p> <p>The programme is designed to capture and encourage our student's sense of wonder and inquisitiveness of both themselves and the world around them.</p> <p>The programme will allow students to learn about how the world works, how the natural world around them works and how to look after them both.</p>	<p>The programme of study runs through four key strands, 'Me and the World', 'Sorting and Modelling', 'Cause and Effect' and 'Experimenting in Science'.</p> <p>Each strand is the underpinning values of science education - allowing students to progress through exploring with senses, identifying patterns and trends, asking relevant questions, planning investigations, evaluating and applying findings from one situation to another.</p> <p>Students will revisit topics allowing them to successfully apply their skills and knowledge progression to broaden their understanding and experience.</p>	<p>The impact of the Science curriculum will be evidenced by a triangulation of formal termly assessments, half termly book scrutinies, half termly lesson plan reviews, learning walks as needed and observations by subject leads in conjunction with senior staff.</p> <p>In addition, other hard data will be used as necessary to obtain a clear, coherent understanding of the success of science.</p>