

Science Curriculum Semi-Formal

Intent	Implementation	Impact	Measuring impact
<p>Science at Beaucroft aims to offer a student-centred, structured approach to teaching and learning which enables the student to gain knowledge of the world together with some understanding of life and physical processes.</p> <p>Students will be taught the necessary skills to understand how science works at an appropriate level to their understanding; to develop knowledge and understanding of Organisms, and the environment, Materials, properties and the Earth and Energy, forces and space ; to use appropriate terminology and methods to communicate their ideas and observations; and, use safe working practices.</p>	<p>Science within the Semi-formal Curriculum is taught through a three-year rolling programme of termly themes, pupils experience and encounter science through each of the 5 priority areas of learning relating to the development of pupils with SLD: Communication, Cognition and learning, SEMH, Independence and Physical and Sensory.</p> <p>Pupils learn about key scientific concepts through an enquiry / practical based curriculum where they are encouraged to Plan, Test, Observe, Measure and Record. With support they explore real life scenarios and problem-solving using science. Wherever possible they link scientific knowledge with themselves and their own world to embed and make learning meaningful. With support they explore how Science is used in the real world and how it helps us.</p>	<p>Pupils will:</p> <p>ask simple questions and recognise that they can be answered in different ways</p> <p>performing simple tests</p> <p>observing closely, using simple equipment</p> <p>gather and record data to help in answering questions</p> <p>identify and classify</p> <p>Use their observations and ideas to suggest answers to questions</p>	<ul style="list-style-type: none"> • Individual Learning Journey's • EHCP outcomes • SaLT • Attendance • Classroom monitor data/ Mapp data • Class assessment recording sheets. • Post-it notes. • RAG charts. • Photos and videos • Person Centred Reviews • Parent consultation meetings. • Camera: Photos of work for assessment.