



Science @ West SILC

Science

Intent, Implementation, Impact:

Intent	Implementation	Impact
<ul style="list-style-type: none"> • For learners to show curiosity, excitement and an understanding of the world around them through general investigation and scientific enquiry. • To ensure everyone is equipped with the scientific skills required to explore and understand the world around them at their own level. • Learners will explore and understand the uses and implications of Science, today and for the future. • Develop the skills to enable scientific thinking. • For learners to be healthy and understand their body. 	<ul style="list-style-type: none"> • Follow a thematic topic-based curriculum to ensure a broad range of experiences. • We enable teacher's autonomy to use the topics to select objectives and tailor teaching to meet the needs and interests of the learners in their class. • Use progression grids to ensure appropriate skills are taught and built on depending on developmental level. • Teachers will follow learners' interests and curiosity throughout individual topics to adapt, inform and extend planning where appropriate. • Plan themed trips, educational visits, workshops etc. to include all learners. • Science is taught in a spiral, not linear manner to ensure key skills are repeated and embedded. • Reflect on previous learning and cross-curricular links will be made where possible. • Use a range of topic specific resources and scientific equipment such as magnets, thermometers and human body models. • Be aware of specific themed enrichment days/weeks across the school year and implement some opportunities into learning experiences when appropriate such as Earth Day and Healthy Eating Week. 	<p>Learners will:</p> <ul style="list-style-type: none"> • have a healthy curiosity about the world around them and our universe. • have demonstrated deep engagement during scientific activities. • have further developed their scientific skills such as investigating, observing, questioning and enquiry. • use transferrable skills they have learned during science sessions into real life where appropriate. • have a broad experience of the world outside the classroom. • have a wider variety of skills linked to both scientific knowledge and understanding, and scientific enquiry/investigative skills. • have a richer scientific vocabulary.