

Be more scientific

Intent	Implementation	Impact
<p>At Seascope Primary School we provide a high quality science education which exceeds the expectations of the national curriculum: Our pupils:</p> <ul style="list-style-type: none"> • develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics • develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them • are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future. 	<p><i>SEE</i></p> <ul style="list-style-type: none"> • <i>Science skills progression</i> • <i>Science vocabulary progression</i> • <i>Science long term plan</i> <p>Science in the Early Years Children within EYFS develop a love of science through their exploration of the world. Children become familiar with basic scientific concepts such as floating, sinking and experimenting. They learn to make observations of animals, plants, materials and explain why some things occur. There is an emphasis on changes, looking closely at similarities, differences, patterns and change in the world around them.</p> <p>Science in Key Stage 1 Children in Key Stage one study science on a weekly basis with a range of differentiated topics to cover the breadth of the national curriculum. Throughout these lessons children develop their subject knowledge building on from concepts in EYFS continuing to look at animals, plants, materials and changes. They begin to develop their enquiry, observation and recording skills through a range of investigations.</p> <p>Science in Key Stage 2 Children in Key Stage two continue to study science on a weekly basis through a range of topics. LKS2 and UKS2 follow a two year program to cover the full national curriculum in depth allowing children to develop their subject knowledge building on from topics in previous years. Through all topics, an emphasis is placed on scientific enquiry skills and the use of appropriate vocabulary.</p>	<p>Due to the rich curriculum we offer in science we expect to see improvements across:</p> <ul style="list-style-type: none"> • The engagement of pupils in science lessons • The profile of science being raised in school • Increased knowledge and skills of children year on year • A broader experience of different scientific concepts • An increased participation in science lessons and activities

