



## Roseberry Primary and Nursery School



### Curriculum statement for Science

<b>Intent</b>	<b>Implementation</b>	<b>Impact</b>
<p>At Roseberry we believe that the best science teaching is inspiring and practical and helps stimulate pupil's curiosity in the subject. This will lead them to fulfil their potential.</p> <p>Units are informed by the National Curriculum and we aim to provide a varied curriculum which meets the needs of our pupils including SEN.</p> <p>We believe that children should acquire knowledge of what biology, physics and chemistry is. We aim to provide them with the experience of engaging and purposeful scientific enquiry in order for them to answer scientific questions.</p> <p>Developing knowledge, understanding and vocabulary are synonymous with each other. Therefore, we intend to build vocabulary to a point where children speak confidently and concisely using their specialist scientific vocabulary. By achieving these skills, our intention is that children understand the uses and implications of science for today and the future.</p> <p>Another intention is to develop children's understanding of the nature, processes and methods of science through</p>	<p>The main aspects of science to be studied will be determined by the programmes of study of the National Curriculum 2014 and The Statutory framework for the Early Years Foundation Stage 'Understanding the world'.</p> <p>Planning for science is a process in which all teachers are involved to ensure that the school gives full coverage of the National Curriculum Science and science in the Foundation stage.</p> <p>It is taught in blocked units through a combination of whole class teaching, group and individual work. All science lessons have focused learning objectives and differentiation to ensure that pupils make at least good progress.</p> <p>'Working scientifically' is embedded throughout the areas of learning in key stage 1 and 2; this focuses on the key aspects of scientific enquiry which enable pupils to investigate and answer scientific questions.</p> <p>Areas of learning within key stage 1 and 2 ensure that statutory requirements are being covered through the specific</p>	<p>The impact of Roseberry's science curriculum is that this curriculum design will lead to increasing progress over time, across key stages, relative to a child's individual starting point and their progression of skills.</p> <p>End of topic assessments as well as teacher's ongoing formative assessments during lessons will be carried out for each unit.</p> <p>The Science subject leader will monitor the impact Science teaching is having on the children's learning through book scrutinies to ensure the progress of knowledge and skills is being taught.</p> <p>The impact of the curriculum can also be measured in children's increasing enthusiasm for science.</p>

different types of enquiries in order to become curious scientists today and to provide them with skills to access opportunities in future.

disciplines of biology, chemistry and physics.  
Teaching key subject specific vocabulary is also a main part of our science curriculum. The key vocabulary will be identified in the vocabulary on the children's learning schedules.  
The staff at Roseberry Primary ensure that all children enjoy high quality teaching and learning experiences, which allow children to explore their outdoor environment and locality, thus developing their skills in scientific enquiry.  
Visitors to school are closely linked to the unit studied.