



SCIENCE

Implementation

Who teaches this subject?	The science curriculum is delivered by class teachers. Children are taught in class groups from Foundation stage to Year 6 (unless it is appropriate to have a different group). Teaching Assistants will support individual children and larger groups, where directed by the class teacher.
What can the children expect?	<ul style="list-style-type: none">• Progression of scientific knowledge and understanding building on prior learning• Use of high-quality and well-matched resources• Access to resources or first-hand experiences, where possible, that enable understanding of the concept or knowledge• A stimulating scientific environment• High-quality visits or visitors to enhance and develop understanding, where possible.• Opportunities for discussion about scientific ideas or evidence• Time to explain their thinking with a partner, group, class or adult.• Opportunity to make links with previous learning• Use of scientific terms• To acquire the scientific knowledge and understanding that provides the foundation to understand the world around them• A programme of learning matched to the National Curriculum 2014
How is it taught?	<p>Teachers plan lessons following the school long and medium-term plan units. Knowledge organisers detail the main content and show what prior knowledge is required and what learning this will lead them to be able to access.</p> <p>They will use their professional judgement to plan suitable learning activities that match the Threshold Concept being taught. Teachers will adapt a flexible approach to ensure that the pace of lessons is appropriate for all learners.</p> <p>In Science, they may use a variety of techniques:</p> <ul style="list-style-type: none">• An investigative approach through solving a challenge.• Use first-hand experiences and models to support understanding.• Use of appropriate video clips where first-hand experiences are not possible.• Stories at KS1 and Early Years may support early concepts.
How is it assessed?	Teachers will make use of a variety of assessment opportunities: effective questioning techniques, discussions, written work and quizzes where appropriate.