

<p><b>Ethos</b></p> <p>At West Road we believe that light bulb moments occur when teaching and learning is:  <u>Child-centred</u>: All children are enjoying asking and answering their own questions and are making decisions about what they are doing and how.</p> <p><u>Involves good practical experience</u>: All children are engaged with and enjoying high quality hands on experiences; exploring how scientific processes relate to everyday life.</p> <p><u>Inspires thinking and learning</u>: All children are engaged with challenging science topics, delivered in a cross-curricular way, exploring and discovering the great outdoors.</p>
<p><b>What we teach</b></p> <p>As a basis for our Science teaching and learning the Pupils in EYFS follow the EYFS specific area understanding the world (ELG 14) The pupils in KS1 follow the NC 2014 programme of study. The pupils in KS2 follow a two year rolling programme in line with the NC 2014 programme of study.        We also use The Cornerstones 'Love to Investigate' ideas to enhance the children's learning.</p>
<p><b>How we teach</b></p> <p>Science is taught in many ways that meet the needs of the individual learner. These may include: practical situations and first hand experiences to facilitate the learning of Scientific Enquiry (Working Scientifically). These will often be enhanced by educational visits and visitors, using the school grounds and the use of Computing skills. Science Ambassadors are used to implement a child led focus in Science.</p>
<p><b>How we assess</b></p> <p>Teachers assess children's work in Science by making informed judgements as we observe them during lessons. These are recorded on class track. Formative assessments, using Key Skills statements, are used to assess a child's knowledge of the unit covered. These results are placed on a tracking system for whole school analysis. Summative assessments take place termly from Year 1 upwards using The Assertive Mentoring materials.</p>
<p><b>How we monitor</b></p> <p>Pupil voices determine what is going well and not so well from the child's point of view. Learning walks and the collection of work evidence/displays/photographs shows progression and coverage across the board. The West Road Tracker system -O track -monitors individual progress.</p>
<p><b>Resources</b></p> <p>There is a central store in the corridor near to the Nursery, and in the stock cupboard near to the top playground. The library contains topic books. All the 'Love to Investigate' investigation ideas are in the Science Leader's classroom. All staff are to be responsible for reporting low or broken stock to the Science leader. Yearly audit of resources will be carried out.</p>
<p><b>Health &amp; Safety</b></p> <p>Staff should refer to the 'Health and Safety' policy and the BE safe booklet. During their time here pupils are taught the importance of safe handling of tools and equipment and encouraged to assess and minimise risks with increasing independence.</p>

