



Science

INTENT	<p>At Manor Hill, we believe that all children can achieve in Science and tailor our curriculum to allow pupils to fulfil their potential. We also believe that Science encompasses the acquisition of knowledge, concepts, skills and positive attitudes. We know that a high quality science education provides the foundations for understanding the world. We want our children to develop a sense of excitement and curiosity about natural phenomena through a build up of key foundational knowledge and the opportunity to investigate. We aim to allow pupils to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes.</p>		
Implementation	<p>Pupils will acquire and develop the key knowledge that has been identified within each unit as well as the application of scientific skills. We ensure that the Working Scientifically skills are built-on and developed throughout each year group so that pupils can apply their knowledge of science when using equipment, conducting experiments, building arguments and explaining scientific concepts confidently. We plan progressively which allows children to build upon their prior knowledge and increases their enthusiasm for the topics.</p>		
Impact	<p>PUPIL VOICE</p> <p>Children will demonstrate a positive attitude towards scientific learning. They will be able to discuss scientific concepts appropriate for their age. Pupils will be able to discuss the practical ways they have explored and learnt about key concepts i.e. we observed..... we predicted..... we concluded..... our results showed..... we found that.....</p>	<p>EVIDENCE IN KNOWLEDGE</p> <p>Pupils will develop their specific knowledge of scientific concepts that are appropriate for their age. Retention of knowledge is key to be able to build on and make new connections therefore, where appropriate, pupils will continue to explore pre-requisite knowledge as part of their learning. This will allow pupils to have a good knowledge of their age related expectations.</p>	<p>EVIDENCE IN SKILLS</p> <p>Pupils will become scientifically literate, using vocabulary to explain their understanding of the concepts covered. Pupils will be able to demonstrate working scientifically skills that are appropriate for their age.</p>