



 Intent – we aim to...

Teach skills that progress from EYFS to Year 6	Recognise the importance of science in every aspect of daily life	Increase pupils’ knowledge and understanding of the world	Develop pupils’ skills associated with science as a process of enquiry	Develop the natural curiosity of each pupil	Enable children to become enquiry-based learners
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 Implementation – How do we achieve our aim?

<p>Planning - Science is planned using the National Curriculum, alongside the White Rose Science scheme. Planning ensures progression across the school from EYFS to Year 6. Children are taught a range of progressive topics throughout the year with an enquiry and working scientifically thread running through all topics. Key vocabulary, learning opportunities and sticky knowledge is detailed throughout planning documents as key take aways for the children.</p>	<p>Recording – As part of the White Rose Science step session worksheets are available. Teachers will use parts of these were appropriate to the sticky knowledge. Lessons will be practical, and discussion based also. This means images and post it notes may be stuck into books detailing their learning. As the children progress through school their written work will become progression culminating in full investigation plans and write ups in year 6.</p>
<p>Assessment – Science is assessed by using the White Rose Science end of unit blocks. The assessments focus on the sticky knowledge throughout each unit of work and provide the teacher with assessment data to then use in re-cap sessions where appropriate. The re-cap sessions are then based upon a variety of sources: quizzes, tests, discussions, written/recorded reports.</p>	<p>Vocabulary - Developing the use of the correct vocabulary in science is crucial and so key vocabulary is identified and listed for each session of a unit. This is then used to assess knowledge and enables pupils to express and communicate their understanding clearly and effectively.</p>
<p>EYFS - Our children’s journey in science starts in EYFS which is why our progression document begins here. Science at Foundation Stage is covered in the 'Understanding the World' area of the EYFS Curriculum. It is introduced through activities that encourage every child to explore, problem solve, observe, predict, think, make decisions and talk about the world around them.</p>	<p>SEND - Our children with SEND access the science curriculum through careful teacher assessment. Lessons are carefully planned and resourced to enable all children to access their learning at an appropriate level, helping them to engage and be challenged. Children are supported in a variety of ways e.g. support from Teaching Assistant, or peers and a range of differentiated activities</p>

 Impact – How do we know if we’ve achieved our aim?

Evidence shows progression of what is taught	Children can question ideas and reflect on their knowledge	Children can draw conclusions following investigations	Children are equipped with scientific skills and knowledge, ready for life beyond primary school	Children can suggest ways to investigate a hypothesis, ensuring the test is fair	Children are able to articulate their understanding of scientific concepts using scientific language
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