



Rose Hill Primary School Science Policy September 2021

Intent

Here at Rose Hill, our children are **scientists!** Our intent is to give all children a broad and balanced science curriculum. All children will become engaged in the ever-changing scientific world we live in. They inquire, investigate and work collaboratively regularly to explore the fascinating world of science around them in a practical, hands-on way. The importance of science is valued as a core subject and opportunities are provided to explore, explain, question and expand their scientific literacy in exciting and creative ways. We want our children to love science.

Implementation

- Science is taught in a block to allow children to study each unit in depth, developing their knowledge and skills.
- Children are taught through a cycle of learning questions which are well planned and cover the National Curriculum programmes of study, to ensure progression and depth. This supports children in 'knowing more and remembering more.'
- Science teaching is embedded with purposeful, fun, practical learning experiences.
- Every year group builds on the learning from the previous year group. Opportunities are provided for children to develop and build on their prior scientific knowledge and learning while progressing their working scientifically skills.
- At the start of each unit, a 'wow starter' is used to provide a hook for learning, igniting enthusiasm and curiosity for the children.
 - All units have a knowledge organiser which outlines the key information and facts children must know. They also have key vocabulary for them to master, developing their scientific language.
- Children complete finisher's challenges to apply and extend their learning and curiosity.
- Through a range of assessment tools, differentiation is facilitated by teachers to ensure each pupil can access the science curriculum.
- Cross-curricular links are planned for, with other subjects such as English, maths and computing.

Impact

- Our science curriculum provides children with age related skills and knowledge to successfully continue science learning in the future. It provides children with the foundations for understanding the world and develops their critical thinking. The pupils will leave our school with curious minds, the independence and confidence to question ideas and have high aspirations, and a love of, science.
 - Children develop a richer vocabulary which enables them to articulate their understanding of taught concepts in science competently.
- Children will remember science knowledge and working scientifically skills, with a real-life context.
 - Children work collaboratively and practically to investigate and experiment.
- Pupil voice is used to further develop the science curriculum. This questions pupil's views and attitudes to science, supports the children's interest and love of science and inspires learners.