

Science - Our Science curriculum ensures that our children develop secure subject knowledge as well as developing scientific enquiry and investigation. They are immersed in topics that cover the disciplines of biology, chemistry and physics.



Our children begin their scientific journey in the EYFS - predominantly through their understanding of the world. The EYFS curriculum enables children to explore, problem solve, observe, predict and think - great foundations for how their learning in science progresses. Scientific learning is also child-led within the continuous provision - floating and sinking in the water provision, for example.



As the children progress through school, they develop a progressive understanding of the topics within science. The topics facilitate an understanding of animal and human development, the world around them and how and why things work.



Our learning in science allows us to use and apply knowledge and skills from across the curriculum. We use our maths skills regularly but links with other subjects, such as PE, are also important. We also have a Science Super Learning Day each year.



Our curriculum enables the children to understand the role of science in the past, science today and science in the future. We facilitate the children understanding the role of scientists and the many careers and roles that involve scientific work. Where possible, we strive for our children to meet scientists in order to enhance experiential learning.



Within science, we facilitate opportunities for children to work scientifically - creating and testing a hypothesis, carrying out fair tests and evaluating first-hand findings. Our children are taught to work safely and fairly and to be clear in what they are testing and what their findings are.



One of our main priorities is to broaden our children's vocabulary. We intend for our children to become vocabulary rich and so we immerse them in appropriate scientific vocabulary and ensure that our children can use the technical vocabulary in their explanations and to communicate their understanding.