



Science Curriculum and the Scargill Values



'Let all that you do, be done in love'

1 Corinthians 16:14

*This is our school
Let love dwell here
Love of learning
Love of our community
Love of all people
Love of God
And love of life itself
Living Our Values Everyday*

Value	Reception	Year 1 & 2	Year 3 & 4	Year 5 & 6
<i>Love of learning</i>	By providing highly effective, quality first teaching in science that considers the key principles of effective teaching and learning, we intend for children to be successful and confident in the subject, therefore instilling a love of learning in science. All planning across key stages encompasses a range of opportunities for children to ask questions and develop their enquiry skills. Enquiry skills are threaded throughout science curriculum themes and built upon as they progress through our school in line with National Curriculum requirements. This allows children to be thoughtful, considerate and inquisitive whilst beginning to nurture an understanding of how they can shape their learning by the questions they would like to explore further. The excitement that the practical nature of science encompasses, supports our children with developing an intrinsic desire to find out more about our surrounding world and a 'love' for learning, investigating and achieving.			
<i>Love of our community</i>	Our Science Curriculum links closely with our Global Committee team. Our Global committee is committed to strive towards meeting achievable goals that enable us to protect our environment, reduce our carbon footprint and raise the profile of certain initiatives e.g. reduce, reuse and recycle. Through sharing this information with parents, carers and peers, the Global Committee aims to inspire others to love their community by taking care of it. Through accessing our science curriculum, our children develop a strong understanding of the importance of looking after our 'neighbours', one another and our local community. They are encouraged to recognise that their locality is worth protecting, whether that be in relation to people or the plants and animals that use it as their habitat.			
<i>Love of all people</i>	Science links to the school value of 'love of all people' through providing children with an appreciation for a variety of scientists' and inventors' work. For example, in Year 6, children learn about Benjamin Franklin's important experiments relating to electricity and in Year 2, children learn about the invention of tarmac by John McAdam. By studying these individuals, we learn about how people have made a difference to the world.			
<i>Love of God</i>	Through the teaching of science, children have the opportunity to discuss and ask questions about the world and the way things work. Whilst science provides answers to many of these questions, we can relate some of this learning to the things the God has given us, reminding us of our responsibility to care for the world around us and all things in it.			
<i>Love of life itself</i>	Science at Scargill ensures that children develop an appreciation for the many wonders in our world. Children learn about interesting creatures, habitats, the structure of the world and many more fascinating topics. We aim to instil in our children how fortunate we are and endeavour to spark an interest inside children to discover more about the world in which they live and how things work.			