

How do we 'Love Our Neighbour' through our Science Curriculum?	St Oswald's Christian Vision
- We learn about and celebrate differences between a range of Scientists, both historically and in modern Science, from a range of backgrounds, ethnicities, gender and religions. - We learn how to work well as a team during group work and investigations, listening to others and respecting their contributions. - We learn to respect the opinions of others that may differ from our own on how the world works. - We learn to respect our environment and know our responsibility to look after it for future generations.	'Love Your Neighbour as yourself' (Luke 10:27) <i>In God's family there are no outsiders as we nurture one another accepting all forms of diversity, whilst fostering a love of learning. Our Christian values, as expressed in the parable of the Good Samaritan, enable us to flourish together as we love selflessly, have eternal hope and walk in faith.</i> School Motto <i>'Safe in your hands Lord, we love, laugh, learn'</i>

	What do we envision?	Why do we do this?	How do we implement it?
Intent		We believe that by developing the right dispositions for learning, a focus on skills and a desire for asking questions pupils are given a solid foundation of knowledge which can be transferred across different subject areas.	This is achieved through high quality teaching of and through our scheme The Education People primary science scheme of work.
Implementation	How do we teach Science at St Oswald's? At our school the requirements of the Science Curriculum are taught using an investigative approach to learning. Our science curriculum is delivered through termly or half termly units, following The Education People primary science scheme of work and supported with the teaching tools such as BBC bitesize. This gives full coverage of 'The National Curriculum programmes of study for Science 2014' and in the Early Years Foundations Stage Science is covered in 'Understanding of the World'. Each of the units shows progression in the key scientific knowledge and concepts. Working Scientifically skills are embedded into lessons to ensure these skills are being developed throughout the pupil's school career. As scientists at St Oswald's, the pupils are taught to question, observe, classify, predict, create a fair test and analyse outcomes through a variety of practical investigations ensuring science learning is meaningful and fun. Pupils learn key vocabulary/scientific terminology to be able to explain processes and outcomes accurately and through a range of scientific inquiry. Science is taught weekly along with whole school science days.		

Impact	How do we monitor standards in Science?
	The impact of our Science curriculum is that our pupils are equipped with the scientific skills and knowledge that will enable them to be ready for the Secondary curriculum and for life as an adult in the world outside the classroom. Pupil's learning is assessed against the age-related expectations for science. Children are assessed at the beginning and end of each unit and complete pre and post learning questions based on each unit of enquiry. Monitoring takes place on a regular basis including pupil voice, lesson observations, book scrutiny and learning walks, which all evidence pupils having good understanding of what they have been taught and the associated vocabulary.