



Science at Anstey



At Anstey Junior School we aim to provide an engaging and practical learning environment, which is full of creativity and progressive across all year groups. Our science curriculum aims to build the foundations for understanding the world through the disciplines of biology, chemistry and physics, as well as 'weaving magic' through interesting and inspiring lessons. Children will develop a love for lifelong learning through their interactive science lessons and through this development they will have an awareness of the career opportunities that science may lead to. Children

will be introduced to key figures/scientists from the different areas of Science and learn about how they have impacted the world as well as their route into their career field.

All pupils are taught essential aspects of the knowledge, methods, processes and uses of science in everyday life and in the wider world. Through building up a body of key knowledge, language and concepts, pupils are encouraged to explore the scientific big ideas, question scientific theories and investigate based on their own enquiries. This develops a sense of excitement and curiosity about natural phenomena and allows them to explore their own ideas.

Our science curriculum is based on a highly effective programme of study which supports teaching, enables the children to build on prior learning and embeds scientific vocabulary to articulate their understanding. At least one science unit in each year group is taught through a thematic approach. The working scientifically requirements are incorporated into each topic so that in addition to the core knowledge and vocabulary, children are developing skills of asking questions, observation, investigation and fair testing, predictions, collecting data and evaluation. As well as promoting the importance of working in collaboration with others to solve problems and a resilience to find answers. In and out of school trips are an essential learning tool, this use of the environment will allow the children to appreciate and care for their surroundings which will then carry through to their everyday life.



When pupils leave Anstey Junior School, they will have engaged in practical and theoretical based scientific enquiry because of the rich, broad and balanced Science curriculum that is progressive across the school. Their learning in science will have provided them with wider knowledge, independence and understanding of the world around us. The children will have an increased awareness of how Science has and continues to change the world we live in.

***"Don't let anyone rob you of your imagination, your creativity, or your curiosity."
Mae Jemison, physicist and astronaut***