

Crowmoor Primary School
Curriculum Drivers
Subject: Science



Aspiration	Through their 'Working Scientifically' skills, children will have regular opportunities to develop and evaluate their investigative skills for an ever-changing world and a future with new scientific discoveries being regularly. They will be guided by their own curiosity and interest, with teachers encouraging children to ask questions, make observations, evaluate their learning and suggest future investigations. They will also have many opportunities across the school to explore famous scientists and significant figures from a range of diverse backgrounds.
Healthy Lifestyle	Science revisits the topic of the human body annually, so from EYFS and beyond, children learn about the components that make up their bodies, how to keep themselves healthy, the importance of exercise and a balanced diet. Further along in the school they learn about the dangers of substances such as drugs and alcohol on the body. Through their units on electricity, children learn about the dangers of electricity and how to keep safe. When learning about light and sound, children explore their eyes and ears and how they can be protected from damage such as loud noise or bright sunlight.
Communication	Through all Science units, children are encouraged to communicate with each other and adults to discuss their findings, evaluate their investigations and suggest further experiments. It is important to us that children feel able to ask questions about Science to further their understanding. At the start of a unit, we encourage the children to think about what they know already, what they think they know and what they would like to know. This encourages enquiry-based learning and the use of scientific vocabulary.
Knowledge of the World	With cross-curricular links to Geography, the children will explore the dangers and threats to our natural world including pollution, fossil fuels and extinction. When learning about Earth and Space, children will understand the position of our world as part of a much larger Universe with a lot of area still yet to be explored. We aim to equip the children with the scientific knowledge required to understand the uses and implications of science, today and for the future.
Community	Pupils regularly visit topics on living things and habitats, where part of their investigations may cover the local environment and animals around us. This is linked to litter, waste, recycling, renewable energy, global warming and the outdoor areas where we observe wildlife. We encourage the children to take pride in their community, both at school and at home.