

## Curriculum Statement - Science

At Queens Road Academy, we encourage children to be inquisitive, and curious about the world around them. Our science curriculum increases pupil's knowledge and understanding of our world, while developing skills, which enable them to think and work scientifically. We understand the importance of science and aim to prepare our children for life in an increasing scientific and technological world. Because of this, we regard science as a core subject and give it the importance, which it demands.

Our curriculum has been carefully designed to ensure the National Curriculum is being fully met, whilst giving pupils the opportunity to build on their prior knowledge and make links between subjects. Topics are revisited and teachers use precise questioning to ascertain what pupils already know and plan high quality lessons to ensure progression. Investigation is at the forefront of our curriculum. Children are encouraged to ask their own questions and are given opportunities to use their scientific skills and research, to discover the answers.

We take a hands-on approach to the teaching of Science, capturing pupil's interest and creating a positive attitude to the subject. Our curriculum has been designed to promote all of our school values, however it particularly encourages curiosity, innovation and communication. Throughout our curriculum, technical language is taught and built up to enable pupils to communicate their scientific ideas effectively.

Science is taught in half-termly blocks which link closely to the wider curriculum where appropriate and many of the topic blocks result in a STEM outcome, where pupils have an opportunity to apply what they have learnt previously. Our progression document ensures that there is clear progression in the skills of scientific enquiry.

Alongside our classroom curriculum, science is promoted across school through whole school events such as STEM fairs, clubs, and parental engagement days.