



Science

Intent

At St Augustine's we believe that all pupils should be able to confidently communicate their knowledge and ideas through their science work. We want pupils to acquire a wide scientific vocabulary, a solid understanding of the Science Programme of Study as identified in the National Curriculum, be able to use and develop their science investigative skills and effectively apply these throughout their time in primary school. We want our children to write clearly, accurately and coherently, adapting their language and style for writing scientifically and for a range of audiences. We believe that all good scientists develop their investigation skills over time so we want children to develop independence in being able to ask questions, make a hypothesis, plan and conduct an investigation, accurately record their results and use a variety of methods to present their conclusions. We also want our children to be able to identify their own areas for improvement and use these evaluations when planning their next investigation. The curriculum and planning is adapted appropriately for those children with SEND and those that are new to English so that skills and knowledge are developed alongside children's confidence.

Implementation

At St Augustine's we recognise that science is the basis for knowledge and understanding of the world. We always encourage children to question, explore and discover the world around them. Our science curriculum gives a good knowledge of the three strands of science: Chemistry, Biology and Physics. We also give opportunities for our children to work scientifically across the curriculum.

We use Developing Experts as a basis for our teaching and supplement this programme with additional resources as and when required by the class teacher.

The programme uses The National Curriculum in a progressive way that builds on previous knowledge and aims to ignite a passion for science.

To further broaden our curriculum, we invite visitors into school e.g. The Birds of Prey Centre and plan trips to support certain areas of learning e.g. Badgers class visited Eureka to learn about how their body works. We also have a school garden in which children learn about plants and the environment.



Find out all about Developing Experts at: <https://developingexperts.com/about>

We hope children at our school will develop an understanding of science which will stay with them for life.

Intended Impact

When children leave St Augustine's CE (VA) School they will be able to work with confidence across many areas of science. Children will have developed the knowledge, skills and understanding to help them access and investigate science in a safe and inquisitive way. Children will have developed skills that equip them to be scientists throughout their lives.