



St Bartholomew's C of E Primary School – Modern Foreign Languages (Spanish) Curriculum Intent



Curriculum Intent

At St Bartholomew's Church of England Primary School, we are scientists! We want our children to know that they can achieve whatever they want to and come forensic scientists, microbiologists, toxicologists or astronauts! The science curriculum has been carefully designed through the specific disciplines of biology, chemistry and physics, to ensure all pupils develop their understanding and skills whilst creating a curiosity about natural phenomena.

We want pupils to remember their Science lessons in school and embrace the opportunities they are presented with that may sometimes be out of reach. For example, inspiring pupils through visits to the Science and Industry Museum or Jodrell Bank. It is ambitious and empowers our children to become independent and resilient learners. We want to equip them with not only the minimum statutory requirements of the Science National Curriculum but prepare them for later life by ensuring they can explain what is occurring, predict how things will behave and analyse causes.

The curriculum is planned to give children the opportunity to discover for themselves, talk and share their ideas, confidently ask open-ended questions, and can find answers to those questions through researching, planning and carrying out their own investigations. Children study a different scientist in each year group which enables them to be inspired to be real scientists. The focus on vocabulary means that children use scientific terminology accurately and with confidence. Use of knowledge organisers and quizzes enables sticky learning to maximise the children's potential. We want our children to remember their science lessons in school; to cherish these exciting memories and embrace the extraordinary opportunities they are presented with! For example, the curriculum is designed so that each year the whole school takes part in a science fair. The classes set a theme linking to a prior science topic or the world around us. Children are encouraged to enter to revisit science skills and knowledge, while at the same time honing their resilience and independence and applying what they have learned.

We want children to learn from the local area they live, to respect diversity and be proud of where they come from. We want them to learn about influential scientists and how they have changed our lives. They should know how science is vital to the world's prosperity. For example, exploring how animals and plants influence the eco-system in our local area..