



*'Don't let anyone look down on you because you are young but set an example for the believers in speech; in conduct; in love; in faith and in purity
(1 Timothy 4:12).'*



St Paul's Church of England Primary School
Intent, Implementation, and Impact in Science

Intent	Implementation	Impact
- To allow all pupils to be naturally curious and inquisitive. - To develop scientific knowledge and conceptual understanding in all areas of the science curriculum. - To give children the tools to understand the uses and implications of science today and for the future. - Our personalised curriculum will allow learners to use equipment, carry out experiments, build arguments, explain concepts and continue to ask questions building on their curiosity about their surroundings. - Give our learners the opportunity to ask their own questions and through various opportunities, research and discover answers for themselves. - To give children opportunities to use scientific understanding in practical ways through STEM activities.	- We maintain a high level of up-to-date subject knowledge through regular training and professional development both in school and through external agencies. - We tailor lessons to all learners through quality first teaching, interesting and engaging resources and a variety of teaching strategies. - We use assessment of learning to ensure development of skills across all year groups. - We use and regularly refer to key topic related vocabulary and encourage the children to use it in each lesson. - We use a variety of resources and practical equipment to instill a love for science learning. - We encourage children to investigate and find answers to scientific problems independently. - We encourage children to ask questions to deepen their scientific knowledge and use a range of questions to further encourage their learning. - We will provide activities that allow children to hypothesize, experiment, explain and evaluate.	- Children enjoy and are enthusiastic about learning science in school. - There is a clear progression of work and expectations across the age range in our school. - Children's work shows a clear progression of skills and range of topics to ensure coverage of the whole curriculum. - Children are encouraged and able to select and recommend suitable equipment and recording strategies to complete an investigation, developing independence in their own learning. - Teacher assessments are regularly monitored and moderated to ensure good progression for all pupils. - Standards in science are good and in line with other subjects. - The SLT and governing body are kept up to date with progression and developments in science through subject reports and subject action plans.