

## Impact for Science

At St George's, the approach taken to teaching science allows children to experience a rich, diverse, engaging and practical based curriculum. Children will be equipped with a set of skills and understanding of the world (and their place in it) to take with them on the next part of their educational journey.

At the end of each academic year the children will have built upon their prior learning, further developing their scientific skills by being given the opportunity to tackle a range of experiments and meaningful experiences to aide them in answering the 'big question' of the term. The curriculum is designed to be accessible for all learners. The progressive nature of the science curriculum (each year building upon the knowledge and skills of the last) allows children to look back at and develop their prior learning. Moving through the school, children will be able to use an ever-increasing range of scientific knowledge and vocabulary to answer questions with more clarity, detail and accuracy.

The science curriculum will expose children to a range of skills, opportunities and experiences that could further be developed in secondary school and beyond into potential future careers. It encourages both individual working and thought as well as group tasks that encourage and promote collaboration.

Progress in Science is demonstrated through regular assessment where children share their scientific findings; taking the form of pictorial, oral and written feedback (both in books and to their peers). Children are challenged and pushed through the use of a termly 'big question', where children's knowledge and curiosity is utilised to provide an evidence-based answer. This approach allows misconceptions and gaps in their knowledge to be identified and addressed with the large majority of children working at the level expected of their age.