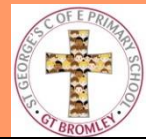




Subject at a Glance Summer 2022: (Science)



When our pupils leave St George's at the end of Year Six, our aim for them is....

What does a Scientist look like?

In science, pupils learn about the importance of scientific evidence and how to make sense of it.

Science teaching opens up new ways of thinking which complement and / or challenge established ideas and knowledge.

Sustainable science teaches pupils about the important interaction between human activity and the environment and how we can make a positive impact.

What does it mean to be a Scientist at St George's?

Science nurtures pupils' natural curiosity and helps develop inquiring minds.	The study of science helps pupils acquire knowledge and conceptual understanding to solve problems and make informed decisions.	Science teaching helps pupils to explain and understand how the world works.
Science encourages pupils to ask 'how' and 'why' questions, with the aim of finding out the answers.	Science motivates pupils to explore the world around them and to change it for the better.	Science develops in pupils an attitude of respect for themselves, others and the world around them.

Strengths in Current Provision (Based on audit Spring 2022)

Practice

Impact on children's learning (This is good because....)

- Long and Medium Term Planning sets out clear Knowledge and skills progression (Dimensions Curriculum) enabling carefully sequenced teaching

- Pupils build on their knowledge and skills as they move through the phases, knowing and remembering more.

Priorities for development	Priority – Action required	Intended impact on children’s learning (This is needed because....)
<p><i>(Maximum of three, at least one of which should be an action for the subject leader rather than all staff).</i></p>	<ul style="list-style-type: none"> • Scientific enquiry to be developed through CPD – Zoom in, Zoom out. Using Explorify, adding ‘The odd one out’ into practice. • To ensure that all of the relevant areas of the Science curriculum are being covered across the Dimensions curriculum. • Be able to have a clear picture of what we would like a St George’s Scientist to look like in practice. 	<ul style="list-style-type: none"> • To ensure that there are maximum learning opportunities within the Science sessions. • Making sure that each area of study is taught and progression is shown throughout each class. • Each member of teaching staff to have a clear vision of what Science learning looks like and how it is captured in our school.