Spreyton Primary - Curriculum Intent Statements

Science

Our Values

Passion	Pride	Positivity	Perseverance
Children ask **questions** and can make connections in their learning. They are able to learn in different ways, using their **imagination** and **enthusiasm** to develop their skills in writing and are reflective in their learning. All children should have a curiosity about the world around them. We want to inspire them to excited and engaged in Science and for them to become scientists by questioning the world around them.	The children take **pride** in the work they produce and want it to be the best they are capable of. They want to **share** their work with others through class sharing, displays and presentations. Children should be able to clearly articulate their scientific thinking to a range of audiences such as their peers, teachers and parents.	The children can work together to **share** ideas and support each other. They can add their ideas and listen to the ideas of others with **respect.** The children will be able to work in pairs and groups to discuss and carry out scientific experiments. They will be able to listen to one another and respond with respect and consideration.	The children are **self-motivated and independent** learners. They can use support materials around the classroom to improve their work. The children will be able to use previous knowledge to help them come up with scientific questions which they can answer experimentally. They will, over time, be able to design their own experiments to answer questions.

Working scientifically: fair tests Fair test enquiries give opportunity for children to explore cause and effect relationships in science.	**Working scientifically: identifying and classifying** Children make observations and measurements to help them look for similarities and differences.	**Working scientifically: research** Research enquiries, children get to use a range of secondary sources to help them find the answers to 'big questions.	**Working scientifically: pattern seeking** Pattern-seeking enquiries in science involve children making measurements or observations to explore situations.	**Working scientifically: comparative testing** In comparative tests the children compare different cases and situations.	**Working scientifically: observing over time** Observing over time help children to be curious about the world around them.