SCIENCE CURRICULUM

INTENT:

The planned Science curriculum at Sutton Park Primary encourages pupils to be inquisitive and curious. Science ensures that pupils can confidently explore and discover the world around them, deepening their knowledge and understanding of methods, processes and the world in which they live. It is our intention that our carefully planned curriculum content will not only comply with National Curriculum requirements but also spark scientific interest and aspirations in our pupils by highlighting the important role this subject plays in the modern world.

IMPLEMENTATION:

Our Science curriculum is planned as specific topics. These cover the scientific strands of Physics, Chemistry, Biology and Working Scientifically. The content coverage within our curriculum ensures that pupils are exposed to both scientific knowledge and skills. Where relevant and supportive, cross-curricular links are made to non-core subjects/learning.

Science begins in EYFS under the curriculum umbrella of 'Knowledge and Understanding of the World'. Pupils are encouraged to be curious about the world around them, to make early predictions, test their ideas, explore natural resources and collaborate with peers in problem solving situations. This is often done through continuous and enhanced provision within the setting, but also features in focus group sessions too.

Weekly Science lessons for Years 1-6 focus on the planned curriculum. Across each academic year, pupils are exposed to Physics, Chemistry and Biology subject content. This is always underpinned and complemented by working scientifically skills and knowledge of practical processes.

Pupils work in individual Science books which showcase their acquisition of knowledge, vocabulary and scientific skills. Feedback is provided from teachers to support next steps in learning and address any misconceptions.

Our Science curriculum is enriched further via our collaboration with Roots to Fruit. This is a local, not-for-profit enterprise who focus on outdoor learning, growing and horticulture. Pupils experience 2-3 sessions each academic year in our outdoor classroom/polytunnel. These are practical, hands-on sessions and each week contributions are made to the tending, growing and harvesting of our school allotment plots.

IMPACT:

A secure knowledge of science and scientific processes will serve our pupils well, not only in the next step of their education but also beyond. Being curious, rigourous, methodical and analytical are all key qualities for continued learning and growth. Our pupils are enthusiastic scientists – they engage well in lessons and actively seek the knowledge they need to understand a concept more deeply.