

Science Curriculum Statement



Our Mission Statement: 'Love one another'

Our Learning Values: 'Practice makes perfect'

P – pride

R – resilience

A – aspiration

C – creativity

T - teamwork

I – independence

C – curiosity

E – engagement

Curriculum Intentions

At Charlton House we teach children to understand the world through high-quality teaching. We teach essential knowledge, methods and process of a wide-range of Science topics including, chemistry, biology and physics. We nurture the children's sense of excitement and curiosity about the world by providing lessons where they can build up a body of knowledge and concepts. Not only this, the children learn and progress through Working Scientifically skills, which enable them to predict, analyse, explain and question their understanding and findings. We further extend the children's vocabulary at Charlton House by immersing them key vocabulary required for each unit.

Curriculum Implementation

Science is taught each week in stand-alone lessons by a skilled teacher. Each Science unit has been carefully placed within each half term to ensure there is plenty of opportunity to make curriculum links to the children's' half-termly topic. The working Scientifically skills have been placed to work with and enhance the knowledge skills the children will be learning each half term. There is opportunity for the children to practice these more than once across the year. Years 3, 4, 5 and 6 benefit from a 'Working Scientifically' half term where the focus is to work closely on those skills in a wide range of practical tasks. Furthermore, the children benefit from excellent grounds around the school and a wide-range of resources to support their Science journey at Charlton House.

Curriculum Impact

