

Science Rationale

Vision

Our Science curriculum promotes our vision with a strong focus placed on develop and extending children's working scientifically skills through a Science context. We empower children to act, think and undertake learning as a scientist to ensure that learning is purposeful and engaging.

To ensure that children have the best possible Science learning experience we ensure that across a school year the children will go on a Science linked educational visit, take part in regular practical based learning, use a wide range of resources we have on offer, take their learning outside of the classroom and undertake range of enrichment projects linked to the vocational aspects of Science.

Intent

We strive for ambitious, literate pupils who can problem solve; articulate themselves confidently and show resilience.

Implementation

Science Bug is a comprehensive and coherent online and print science programme for today's curious kids. Science Bug is designed to build the knowledge and skills needed to spark imagination, fuel curiosity, and nurture confident young scientists.

A challenging and complete curriculum programme from Year 1 to Year 6, The schemes of work develop subject knowledge through highly structured domain knowledge in the National Curriculum. It is designed, tested, and proven with kids across the country in a range of settings, and packed with fun, hands-on activities, videos, and animations. In addition, it provides support and guidance to use in a way that's right for you, personalised to the needs of your school and setting with tools and suggestions to inspire your science teaching.

Children read vast range of fiction and non-fiction texts to evoke a passion for reading for knowledge as well as pleasure.

Bespoke revision activities are carried out in each lesson to support the children substantive knowledge and long-term memory.

