

Brunswick Park Primary and Nursery School SCIENCE Curriculum Intent

Wellbeing

We believe fostering positive mental health and wellbeing is the foundation for all learning and growth. Our curriculum, including the 'hidden curriculum' of school culture, supports all pupils to develop a positive self-image and equips them with the knowledge and skills they need to look after their mental and physical health.

Respectful

Friendly

Determined

Kind

Courageous

Tolerant

Playful and Enquiry Led

Rigorous

Ambitious for all

Vocabulary and Experience Rich

Learn to Learn

Expert

So that **all** children:

Understand how science can help them to answer questions about the world around them and how things work.

Raise children's awareness of the importance of respect for the natural world, and their role in preserving it for future generations.

So that **all** children:

Develop core Science knowledge which allows them to understand the world around them and provides a secure foundation for studying Science successfully in secondary school and beyond

Communicate their scientific understanding and present it in a scientific manner in a variety of formats.

So that **all** children:

Learn, use and apply subject specific vocabulary so that they can communicate clearly and deepen their understanding.

Is inclusive and meets the needs of all learners regardless of background or ability so that all are effectively challenged and supported to reach their potential.

So that **all** children:

To engage in a wide range of experiences including outside the classroom which take them beyond that which they would ordinarily experience and give them access to 'experts'.

To use and apply their scientific understanding in different contexts and to challenge any pre-conceived misconceptions about the world around them.

So that **all** children:

To foster a love and appreciation of Science.

To be inquisitive and ask questions to further their knowledge and understanding.

To understand the importance and value of working collaboratively in Science, and work effectively with their peers.

Know how to evaluate and reflect on scientific enquiries, thinking about how reliable and accurate their findings are.

So that **all** children:

To act as scientists, learning how to conduct different types of scientific enquiries to test hypotheses and develop the skills to work scientifically.

Recognise the purpose of conducting scientific enquiries.

Know the importance of Science to everyday life and about the work of a diverse range of significant scientists from different backgrounds who they are able to identify with and have as role models.

We work in partnership with parents and share our Science curriculum with them through our website and Curriculum Information documents.