Science Cross Curricular Links

English –

- Children will use their reading/spelling skills frequently during Science lessons. Children will be encouraged to read about scientists and understand the impact they have on our lives today. When possible, guided reading texts are linked to our learning in science, and children have the opportunity to access science books in the school library and class reading areas. Children are also expected to use specific scientific vocabulary as shown on the progression grid, word mats and class displays.

Mathematics –

- Children will be able to demonstrate and apply their mathematical skills during scientific investigations and practical opportunities. Children across key stages collect and analyse data, enabling them to understand and generate curiosity. Children in upper KS2 must apply their maths skills to accurately measure and record data in various ways [graphs, tables, and diagrams].

Religious Education –

- Children will be able to have a better appreciation of the awe and wonder of God's Creation. Children will learn about what we could do to make our world a better place and how we can be better stewards of the earth. Children will look at the talents of others and how they have had an impact on our world.

History –

- Children will be required to research scientists and understand events and people of the past; they will then be able to reflect on their knowledge to become enquiry based learners, applying what they have discovered in history to their own investigations or questions they have in science. For children to know more and remember more, connections between Science and History are frequently revisited.

Geography –

- There are many cross-curricular links between Science and Geography topics such as plants, animals, water cycle, rocks.

PHSE –

- Walks in the community and educational visits will allow children to gain scientific skills and understand a range of cultural experiences. Pupils will be able to use their imagination and creativity when experimenting and questioning science and gain a sense of enjoyment and fascination in learning about themselves and the world around them.

Art-

- Observational skills and drawing skills studied in art is a key aspect of working scientifically.

Music-

- Children will make links between Science and music through topics such as sound.

Design and Technology-

- Children will make links between Science and design and technology through topics such as sound and healthy eating.

PE-

- Children will make links between Science and PE through topics such as animals, including humans, and healthy eating topics.

Spiritual, Moral, Social and Cultural Development

- Children will develop a sense of enjoyment and fascination in learning about themselves, others and the world around them. They will learn to reflect on their experiences.