Science Long Term Overview

The Science curriculum is delivered following our SMARTER lesson approach to enhance the retention and application of key knowledge and thought-provoking vocabulary. The Science Narrative provides a unit overview for Years 1-6 whilst a further breakdown of key objectives covered can be found on the year group specific Science Sequence of Lessons.

Year group	Autumn	Spring	Summer	Scientific Skills	Enrichment Opportunities
1	• The Human Body • Seasonal Changes and Weather	• Everyday Materials • Animals and their Needs	• Plant and Plant Growth	• Ask simple questions. • Observe. • Perform simple tests. • Identify and classify. • Gather and record data.	• Science Week • Aspirations Day
2	• Living Things and their Habitats	• Materials and their uses • Animals and Humans	• How Plants Grow		• Science Week • Aspirations Day
3	• Animals and Humans • Light and Shadows	• Rocks • Forces and Magnets	• Structure and Function of Plants	• Ask relevant questions. • Set up simple practical enquiries. • Make systematic observations. • Gather, record and classify data. • Draw simple conclusions. • Use straightforward scientific evidence to answer questions.	• Colomendy Residential • Science Week • Aspirations Day
4	• The Human Body: Systems • Electricity	• States of Matter • Sound	• Classification of Living Things		• Science Week • Aspirations Day
5	• Life Cycles, including Humans • Electricity	• Properties and Changes of Materials • Forces and Movement	• Earth and Space	• Plan different types of scientific enquiries. • Take measurements	• Colomendy day trip • Science Week • Aspirations Day

6	• The Human Body: Systems • Light and Seeing Things	• Further Classification	• Evolution and Inheritance	using a range of scientific equipment. • Record data and results of increasing complexity. • Use test results to make predictions. • Report and present findings from enquiries. • Identify scientific evidence that has been used to support or refute ideas of arguments.	• Science Week • Aspirations Day