

Curriculum Outline 2018-19: **Science**

[This document summarises the content to be delivered over the course of the year.  
There will be some rotation of topics due to resourcing implications]

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 5</b>	<b>Super Scientists; Statistics</b>	<b>Earth and Space; Measurements</b>	<b>Forces</b>	<b>Properties of materials</b>	<b>Life Cycles; Animals including Humans</b>	<b>Primary Engineers</b>
<b>LITERACY</b> (including Storytelling):	Non-Chronological reports	Apollo 13	The Giant Turnip	The Horses of Troy	Anna's Apple Tree; Emily's Bees	The wheel that Jack built
<b>NUMERACY:</b>	Line Graphs	Tables; Units of time	Metric Units	Graphing Skills; the Mean	Two way Tables	Conversions
<b>Year 6</b>	<b>Lab safety skills; Statistics</b>	<b>Light; Measurements</b>	<b>Electrical Circuits</b>	<b>Evolution;</b>	<b>Classification and Adaptation</b>	<b>Circulation and the Heart</b>
<b>LITERACY</b> (including Storytelling):	Creative Writing	The Torch	The Lighthouse Keeper's Son	The Drop of Honey	Going to Catch a Piggy-Wig	Uncle Jack
<b>NUMERACY:</b>	Line Graphs	Tables; Two way Tables	Metric Measurements	Units of Time; Pie Graphs	Pie Graphs	Metric Conversions

<b>Year 7</b>	<b>Cells and Reproduction</b>	<b>Acids and Alkali</b>	<b>Magnets and Circuits</b>	<b>Particles</b>	<b>Forces</b>	<b>Energy</b>
<b>Extended Literacy opportunities:</b>	<b>Persuasive Writing, Recount.</b>	<b>Poetry (Haiku)</b>	<b>Risk Assessment</b>	<b>Instruction writing; Explanation writing</b>	<b>Instruction writing; Explanation writing</b>	<b>Persuasive Writing</b>
<b>NUMERACY:</b>	<b>Exponential multiplication</b>	<b>Ratio</b>	<b>Algebra: substitution, rearranging formula</b>	<b>Line graphs</b>	<b>Algebra: substitution, rearranging formula</b>	<b>Algebra; Graph skills</b>
<b>Year 8</b>	<b>Digestion and Respiration</b>	<b>Light and Sound</b>	<b>Atoms and Elements</b>	<b>Photosynthesis</b>	<b>Heating and Cooling</b>	<b>Space</b>
<b>Extended Literacy opportunities:</b>	<b>Recount</b>	<b>Comparative Essay</b>	<b>Non-Chronological Reports</b>	<b>Poetry (Haiku)</b>	<b>Explanation writing</b>	<b>Extended Debate</b>
<b>NUMERACY:</b>	<b>Calorie conversion</b>	<b>Conversions</b>	<b>Venn Diagrams</b>	<b>Line Graphs</b>	<b>Line Graphs; Volume</b>	<b>Metric Conversions</b>