

Curriculum Outline 2020-21: **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
Year 5	Super Scientists	Statistics	Earth and Space; Measurements	Forces	Materials	Genetics and Evolution (Life Cycles)	Primary Engineer
LITERACY (including Storytelling):	Newspaper reports		Apollo 13	The Giant Turnip	Useless Object Persuasion	Anna's Apple Tree	Advertising/ Persuasion Writing
NUMERACY:	Line Graphs; Statistics		Two way tables; Units of time	Metric Units	Graphing Skills; the Mean	Two way Tables	Conversions
Year 6	Adaptation and evolution;	Electrical Circuits	Organisms (Circulation and the Heart)	Classification	Lab safety skills; Statistics	Light; Measurement	
LITERACY (including Storytelling):	Creative Writing	The Torch	Explanation writing; Method writing	Fantastic Beasts	The Molliebird	The Lighthouse Keeper's Son	
NUMERACY:	Line Graphs	Tables; Two way Tables	Metric Conversions	Pie Graphs	Units of Time; Pie Graphs		

Year 7	Forces	Energy	Particles	Acids and Alkali	Magnets and Circuits	Cells, Muscles and Skeleton	Reproduction
Extended Literacy opportunities:	Instruction writing; Explanation writing	Persuasive Writing	Instruction writing; Explanation writing	Poetry (Haiku)	Risk Assessment	Persuasive Writing	Recounts
NUMERACY:	Algebra; Graph skills	Algebra: substitution, rearranging formula	Line graphs	Ratio	Algebra: substitution, rearranging formula	Pie Charts	Exponential multiplication
Year 8							
Year 8	Cells, Muscles and Skeleton	Reproduction	Light and Sound	Digestion and Respiration	Photosynthesis	DNA and inheritance	
Extended Literacy opportunities:	Explanation writing	Recount	Discursive Arguments	Recount	Poetry (Haiku)	Extended Debate	
NUMERACY:	Line Graphs; Volume	Venn Diagrams	Conversions	Calorie conversion	Line Graphs	Metric Conversions	