

Year 6 Curriculum Objectives 2017 – 2018: Term 4

School Value focus	<i>Individual Liberty</i>		
Overview of term across the school	Science: <i>Forces/Electricity/WS</i>	DT	
	Computing: <i>Multimedia and Communication</i>	E-Safety: <i>Conduct</i>	

WRITING – LITERACY TREE/TEXTS		MATHS Busy Ants Book 6B
SCIENCE Electricity Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram. Working Scientifically planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs using test results to make predictions to set up further comparative and fair tests reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations identifying scientific evidence that has been used to support or refute ideas or arguments.	DT Technical Knowledge <u>Apply their understanding of computing to program, monitor and control their products.</u> Evaluate existing products Explore and evaluate a range of existing products Design Design purposeful, functional, appealing products for themselves and other users based on Design criteria generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology Make Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities Evaluate Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	
COMPUTING IT-Multimedia and Communication Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information: Photos, Art/Design, Film, Audio/Music, Data Handling E-Safety: Conduct (How you behave) Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact		
PSHE Dot Com: Lessons 13-16 D&A- To understand the risk of volatile substance abuse (VSA)	PE Athletics and Dance	RE Christianity unit 10 - (Christians of the world) To know that there are some places that are important to Christians in the UK and the wider world – what makes them important and what Christians gain from visiting them. To know that Jesus' contemporary followers are world-wide. To know that the Church is an international fellowship of Christianity.