

Year 5 Curriculum Objectives 2018 – 2019: Term 4

ENGLISH TEXTS The Lost Thing	MATHS Busy Ants Book 5B	
SCIENCE Forces Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Identify the effects of air resistance, water resistance and friction, that act between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. 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>Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]</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 have considered the children's attitudes and beliefs about drug use and drug users	PE Athletics and Dance	RE Christianity unit 9 - (Who was Jesus?) To know that: - Christians believe that: - Jesus is God's son; He is both human and more than human. - Jesus showed his divine power as a miracle worker. - Jesus' teaching and life give humans the perfect example. - How this influences Christian beliefs about life and death.