

### Year 5 Curriculum Objectives 2018 – 2019: Term 3

<b>ENGLISH TEXTS</b> The Princess' Blanket	<b>MATHS</b> Busy Ants Book 5B	
<b>SCIENCE</b> <b>Properties and changes of materials</b> Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.  <b>Working Scientifically</b> 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.		<b>HISTORY</b> <b>Ancient Greece</b> A study of Greek life and achievements and their influence on the western world.
<b>ART</b> <b>Improve their mastery of art and design techniques, including <u>sculpture</u> with a range of materials [for example, clay]</b> About great artists, architects and designers in history Create sketch books to record their observations and use them to review and revisit ideas	<b>COMPUTING</b> <b>Computer Science-Computational Thinking</b> Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.  <b>E-Safety:</b> Contact (protecting yourself, public v private) 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 on the internet or other online technologies.	
<b>PSHE</b> <b>Dot Com: Lessons 9-12</b> <b>SRE-</b> To understand male and female puberty changes in more detail <b>First Aid-</b> Suspected Heart attack	<b>PE</b> Gymnastics and Netball/Basketball	<b>RE</b> <b>Christianity - unit 8 (A second local Christian place of worship and the Bible)</b> To know about the many different types of Christian places of worship. To know about the special ceremonies take place there and regular worship and meetings. To understand about the importance of the Bible. To know about Prayer & worship. To know about the importance of the minister

