







Year 5 2016 - 2017	Term 1 WW1 	Term 2 WW1 	Term 3 Out of this world! 	Term 4 Out of this world! 	Term 5 Extreme Earth 	Term 6 Survive, Thrive and Feel Alive 
Literacy	Reports, flyers, Non Fiction, speech, debates, News Report, Diary, Informal and Formal letters, SPAG NC. Identify the audience and purpose of writing	Direct and indirect, Obituaries, Biographies, Poems, haiku, SPAG NC. Developing from other ideas and developing their own.	Science fiction stories, Adventure Stories, Stories with flashbacks, SPAG NC. Describe settings, characters, atmosphere and dialogue	Adventure stories, Writing an argument, Stories with a dilemma, Instructions, SPAG NC. Write legibly, fluently with appropriate joins	Foreshadowing, Flashforward stories, Reports, Explanations SPAG NC. Selecting the appropriate grammar and vocabulary	Balanced Argument, Writer's Craft, Playscripts, Letter, Persuasive, Simile, Metaphor SPAG NC. Using a wide range of devices to build cohesion within and across paragraphs
Class Novel	Private Peaceful Michael Morpurgo NC. Read easily, fluently and with good understanding.	Private Peaceful Michael Morpurgo NC. Develop a wide range of vocabulary	Iron man NC. Appreciate our rich and varied literary heritage	Iron Woman NC. Through discussion, discuss the literary techniques used.	Iron Woman NC. Stimulating imaginations and opening minds.	Kensukes kingdom NC To develop a love of reading.
Numeracy	Number, 4 operations, 2 -3 4- digit numbers, Fractions, partitioning, Bridging, negatives NC - add and subtract whole numbers with more than 4 digits, solve addition and subtraction multi step problems, multiply numbers up to 4 digits by a 1 or 2 digit number, count forwards and backwards through negative numbers.	Fractions, decimals, percentages, Square and prime, rounding, 4 operations NC - establish prime numbers, recognise and use square numbers, compare and order fractions, round decimals, order numbers with up to 3 decimal places, recognise the % symbol, write percentages as a fraction with denominator 100.	Shapes, charts, graphs, brackets, 4 operations, decimals, money NC - identify 3D shapes, draw given angles, identify a shape following a translation or reflection, solve problems using information presented on a line graph,	Perimeter, area, squares, cubes and roots, conversion, multiplication and division, finding rules and describing patterns NC - measure and calculate perimeter, calculate area of rectangles, recognise cube and root numbers, convert between different units of metric measure.	Probability, rotation, divisibility tests, circles	Prime numbers, fractions, volume, compass points, angles, NC - use a 2D grid and coordinates, identify angles, estimate and compare angles, know and use prime numbers and prime factors, add and subtract fractions.
Science	Forces NC. Taking measurements using a range of scientific equipment	Properties and Changes of Materials NC. Plan different types of scientific enquiry to answer questions and controlling variables	Earth and Space NC recording data and results using diagrams, classification keys and graphs.	Earth and Space NC recording data and results using diagrams, classification keys and graphs.	Living Things and Their Habitats NC recording data and results using diagrams, classification keys and graphs.	Animals Including Humans NC Describe the differences in the lifecycles of a mamal, an amphibian, an insect and a bird.
ICT	Internet Safety NC - use technology safely, respectfully and responsibly.	Networking NC - understand computer networks including the internet.	Algorithms NC - use logical reasoning to explain how simple algorithms work and to detect and	Programming NC - Use sequence, selection and repetition in programs.	Website Building NC - select, use and combine a variety of software.	End of year presentation NC - Create a range of programs, systems and content that accomplish given

			correct errors.			goals.	
History	<p>World war 1 Trenches, planes, rationing,</p> <p><i>NC- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</i></p>	<p>World War 1 communication, weapons, women at war</p> <p><i>NC- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</i></p>	<p>History of Space landing on the moon and space race, life of an astronaut.</p> <p><i>NC- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066-significant turning point in British history</i></p>	<p>History of Space telescope invention, space technology,</p> <p><i>NC- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066-significant turning point in British history</i></p>	<p>History of Natural Disasters- Past events linked to Geography, areas of the UK likely to be affected.</p> <p><i>NC- a local history study</i></p>	<p>Local Area_Survival_Survival through the years</p>	
Geography	<p>Countries involved in WW1 <i>NC- Locational knowledge-locate world countries,</i> <i>NC- Geographical skills and fieldwork-use maps, atlases, globes</i> <i>NC- human geography- trade links</i></p>	<p>Countries involved in WW1 <i>NC- Locational knowledge-locate world countries,</i> <i>NC- Geographical skills and fieldwork-use maps, atlases, globes</i> <i>NC- human geography- trade links</i></p>	<p>Space-Solar System, time zones, <i>NC-Locational knowledge- time zones, hemispheres</i></p>	<p>Solar System, Milky Way, Galaxies in our Universe <i>NC-Locational knowledge- time zones, hemispheres</i></p>	<p>Natural disasters around the world Volcanoes, Earthquakes, Tsunamis, Floods, Drought, Wild fires, Tornado, hurricane, Landslide, Avalanche <i>NC-Human and Physical geography- hills, mountains, coasts, rivers, land use, distribution of natural resources.</i> <i>NC-Locational knowledge-world's countries</i> <i>NC- Geographical skills and fieldwork- maps, atlases, globes</i></p>	<p>Local Area/Survival Map work Maps, Environment, recycling <i>NC- Locational knowledge-locate counties and cities of UK</i> <i>NC- geographical skills and fieldwork- maps, atlases, globes, ordnance survey maps symbols and keys, 8 point compass, 4 and 6 figure grid references, fieldwork to observe local area.</i></p>	
DT	<p>Trenches</p> <p>NC - generate, develop, model and communicate their ideas through discussion, sketches, diagrams, prototypes.</p>	<p>Model aeroplane</p> <p>NC - Select and use a wider range of tools and equipment to perform practical tasks.</p>	<p>Solar system</p>	<p>Design a space suit</p> <p>NC - use research and develop design criteria to inform the design of products.</p>		<p>Design a home for a creature</p> <p>NC - select from and use a wider range of materials and components.</p>	
Art	<p>World War 1 artists Sketching Colours/Pastels Close Observational Drawing</p> <p>NC - to create sketchbooks.</p>	<p>Portraits Charcoal Christmas Designs. Close Observational Drawing</p> <p>NC - improve techniques with a range of materials.</p>	<p>Oil pastels Collage Colours on Black Close Observational Drawing</p> <p>NC - improve techniques with a range of materials.</p>	<p>Design and make a soft sculpture of an 'alien' Design a logo for the spaceship "Out of this World" painting</p>	<p>Natural Disasters using different materials</p> <p>NC - improve techniques with a range of materials.</p>	<p>Landscapes Sense of Place</p> <p>NC - improve techniques with a range of materials.</p>	
PE	<p>Dance- LCP NC - perform dances using a range of movement patterns.</p> <p>Football</p> <p>NC - play competitive games.</p>	<p>Gymnastics LCP NC - develop flexibility, strength, technique, control and balance.</p> <p>Rugby</p> <p>NC - play competitive games.</p>	<p>Mission X 2015 'Train to be an Astronaut' Volleyball</p> <p>NC - play competitive games.</p>	<p>Outdoor games</p> <p>NC - play competitive games.</p>	<p>Field Games</p> <p>NC - play competitive games.</p>	<p>Basketball</p> <p>NC - play competitive games.</p>	<p>Sports day activities/Rounders</p>
RE	<p>The Bible</p>	<p>Christmas</p>	<p>Jesus</p>	<p>Easter</p>	<p>Church</p>	<p>Islam</p>	
Music	<p>Choral Society</p> <p>NC - perform and play in</p>	<p>Choral Society</p> <p>NC - perform and play in solo</p>	<p>Space Music Composition</p> <p>NC - improvise and compose</p>	<p>Space Music Composition</p>	<p>Dartford Choral</p> <p>NC - perform and play in solo</p>	<p>Dartford choral</p> <p>NC - perform and play in solo</p>	

	solo and ensemble contexts.	and ensemble contexts.	music for a range of purposes.	NC - improvise and compose music for a range of purposes.	and ensemble contexts.	and ensemble contexts.
PSHE	New Beginnings	Getting on and falling out	Say no to bullying	Going for goals	Good Days/Bad Days	Changes
Trips/visitors		Dartford Orchard Theatre		Outdoor adventure activity		Inter-faith room