

SUNNINGWELL C of E PRIMARY SCHOOL CLASS 3 YEARS 3 AND 4 CURRICULUM

The Curriculum is taught as a two year rolling programme to enable the school to teach a broad and diverse subject base. All areas noted below will be taught, however, topics may be covered out of sequence so as to include special events and opportunities that arise each term. Teachers may also choose to combine or link subjects to further the children's understanding of particular areas of knowledge or develop skills. YEAR A

SUBJECTS and units covered.	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
MATHS	<p>Place Value: Th H T U</p> <p>Properties of number</p> <p>Addition:</p> <ul style="list-style-type: none"> - Hopping on number line to next ten. - Partitioning - Column methods <p>Subtraction:</p> <ul style="list-style-type: none"> - Find the difference counting on along numb line. <p>Inverse operations</p> <p>Mental strategies:</p> <ul style="list-style-type: none"> - numb bonds 10,20,100 - Doubling, halving - Nearly numbers. <p>Problem solving – Singapore bar method</p> <p>2D and 3D shape</p>	<p>Mental strategies</p> <p>Problem solving - RUCSAC</p> <p>Money - £s and pence</p> <p>calculating change from...</p> <p>Subtraction</p> <p>Place value: decimals</p> <p>Rounding up and down</p> <p>Measuring and unit conversions – £s to p, mm to cm to m to km</p> <p>Multiplication:</p> <ul style="list-style-type: none"> - counting on in 2s, 5s, 10s - 3, 4, 9, 11 times tables - finger method times tables - arrays, grid method <p>Division</p> <ul style="list-style-type: none"> - grouping - inverse of multiply - chunking on numb line <p>Fractions of number</p>	<p>Mental strategies</p> <p>Number calculations – using inverse operations to check calculations</p> <p>Measures (time, volume and length)</p> <p>Fractions of number and shape</p> <p>Division – fractions and decimals</p> <p>Problem solving</p> <p>Multiplication:</p> <ul style="list-style-type: none"> - grid method/written method - 3, 4 5, 6, 7, 8, 9, 11 times tables - estimation <p>Rounding up and down to nearest 10, whole number, 100</p> <p>Analogue and digital time</p> <p>Yearly calendar</p>	<p>Mental strategies – lazy maths – selecting the most efficient method</p> <p>Angles and geometry.</p> <p>Area of shape, perimeter, side length</p> <p>Number calculations – column addition and subtraction</p> <p>Grid method</p> <p>Chunking and times tables for division</p> <p>Problem solving – drawing/visualising the problem.</p> <p>Understanding and choosing the right method using the Singapore Bar.</p> <p>Converting Analogue to digital and vice versa</p> <p>Fractions</p>	<p>Mental strategies – using times tables and knowledge of x10 to calculate more complicated x</p> <p>Roman Numerals and the decimal number system</p> <p>Ratio, proportion and percentages</p> <p>Volume and capacity and unit conversions</p> <p>Problem solving proportion, fractions, percentages, ratio</p> <p>Use of Singapore to visualise the calculation required.</p>	<p>Mental Strategies</p> <p>Data handling and interpretation</p> <p>All times tables – 2,3,4,5,6,7,8,9,11,12</p> <p>Applying known facts to work out more complicated calculations</p> <p>Maths investigation techniques with number and shape– systematic approach to problem solving and maths enquiry</p> <p>Using inverse operation and estimation to check our calculations</p>
ENGLISH	<p>Invaders and settlers (Anglo Saxons and Vikings)</p> <ul style="list-style-type: none"> - Non-fiction texts - structure - Sentence structure - Writing in the past tense - Recount using 	<ul style="list-style-type: none"> - Class read (Butterfly lion or firework makers daughter) - Informal and formal letter writing - Performing and writing poetry - safety poster (persuasive language) 	<ul style="list-style-type: none"> - Space (Beegu) - Drama - Characterisation, empathy - Missing person poster - conducting an interview - Taking turns – 	<ul style="list-style-type: none"> - Class read (Iron Man) - Ted Hughes - recount and rewrite a scene as a play script - Use of punctuation to create impact upon reader - Drama - Story from another 	<ul style="list-style-type: none"> - Myths and legends - Creative writing - use of descriptive vocab, similes metaphors and personification - extending our vocabulary with the use of thesaurus, 	<ul style="list-style-type: none"> - Great Britain - Author study - themes and comparisons between diff texts - Reason for writing - Choice of words for effect/ impact - extending vocab

	<p>openers to indicate sequence of events</p> <ul style="list-style-type: none"> - Diary writing - Drama - Newspaper article - Information text – leaflets/posters 	<p>-varying openers to create impact for reader</p> <ul style="list-style-type: none"> - fronted prepositions and adverbials -Story writing with a focus on describing setting and characters - use of similes, metaphors and adverbials 	<p>speaking and listening</p> <ul style="list-style-type: none"> - speech bubbles and punctuating direct speech -Report writing -Understanding inferred meaning <p>- Poetry – free verse and rhyming</p>	<p>world (a prequel or additional chapter)</p> <ul style="list-style-type: none"> - Importance of paragraphing and linking the sequence of events 	<p>dictionary and group editing</p> <ul style="list-style-type: none"> - information text on your own mythical Creature - sub-headings, paragraphing, diagrams, labelling. <p>-Traditional tale from an alternate perspective</p>	<p>using dictionary.</p> <ul style="list-style-type: none"> -Self editing and improvement -autobiography /biography
SCIENCE CLASS 3	<p>Forces</p> <p>Friction</p> <p>Water resistance</p> <p>Magnets</p> <p>Working scientifically</p> <p>Predicting</p> <p>Recording results</p>	<p>Rocks and Soils</p> <p>Properties of rock</p> <p>Uses of diff types of rock</p> <p>The rock cycle, water cycle</p> <p>Fossils</p>	<p>Characteristics of Materials</p> <p>Insulation, cooling, heating</p> <p>Scientific investigation and experimentation.</p> <p>Recording and interpreting data</p>	<p>Plants (function of parts and life cycle)</p> <p>Classification and description</p> <p>Plants around us and from other parts of the world</p>	<p>Living things and their Habitats</p> <p>Pond dipping</p> <p>Evolution, adaptation and our changing environment</p>	<p>Electricity</p> <ul style="list-style-type: none"> -Conductors and insulators -Safety in the home and around us -Creating a circuit
GEOGRAPHY	British Isles and Europe.	Mountains, rivers and coasts	None	Industrial revolution – Discuss and compare modern day and olden day farm technology.	Comparison of UK with a European country - Greece	
HISTORY	Time lines Invaders/ settlers Consequences of historical events	None	Famous people – space programme		Ancient Greeks	Inventors – how electricity and other technology has changed our daily life
DT/ART	Boat design	Firework art. Wax crayons and colour wash Christmas gifts/cards	Shape collage of another world – textiles and textures	Robot Modelling and construction	Detailed life drawing - pond creature or other insect	Design a flag. Embroider the design onto Binca
RELIGION	Do Murtis help Hindus understand God?	Should Christians worship Mary?	Is a holy journey necessary for believers?	Should believers give things up?	Did Jesus really do miracles?	Does prayer change things?
PSHE Year 3 cycle	NEW BEGINNINGS	What are we remembering on Remembrance Day?	TOBY Team work	GOING FOR GOALS!	GOOD TO BE ME	SRE – RELATIONSHIPS CHANGES
MFL – QCA SCHEME OF	¡Que aproveche! (Enjoy your meal!)	Retratos (Portraits) ¿Qué noticias hay?	Vamos al colegio (On the way to	Las cuatro estaciones (The four seasons) Los	Pescadoras valencianas (Beach	Crear una Cafetería (Creating a

WORK 2009	La paga (Pocket money)	(What's in the news?)	school) Nuestro colegio (Our school) ¡A bordo! (All aboard)	cuatro amigos (The four friends)	scene) Yo soy músico ('I Am the Music Man')	café¡Cuéntame un cuento! (Tell me a story!)
ICT	eSafety Pupil profile	Communication World wide web internet	Graphics – logo	Programming – Light bot, Scratch, logo Legomindstorms and big tracks	Word processing and touch typing	Multimedia

YEAR B

	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
MATHS	Place Value: Th H T U Properties of number Addition: – Hopping on number line to next ten. - Partitioning - Column methods Subtraction: - Find the difference counting along numb line. Inverse operations Mental strategies: - numb bonds 10,20,100 - Doubling, halving - Nearly numbers. Problem solving – Singapore bar method 2D and 3D shape Roman numerals	Mental strategies Problem solving - RUCSAC Money - £s and pence calculating change from... Subtraction Place value Th H T U and tenths, hundredths Decimal system – rounding up and down nearest whole numb Measuring and unit conversions – £s to pence, mm to cm to m to km Multiplication: - counting on in 2s, 5s, 10s - 3, 4, 9, 11 times tables - finger method times tables – arrays, grid method Division - grouping - inverse of multiply - chunking on numb line Fractions of number	Mental strategies Number calculations – using inverse operations to check Calculations Measures (time, volume and length) Fractions of number and shape Division – fractions and decimals Problem solving Multiplication: - grid method - 3, 4 5, 6, 7, 8, 9, 11 times tables - estimation Rounding up and down to nearest 10, whole number, 100 etc. Analogue and digital time	Mental strategies – lazy maths – selecting the most efficient method Angles and geometry. Area of shape, perimeter, side length Number calculations – column addition and subtraction Grid method Chunking and times tables for division Problem solving – drawing/visualising the problem. Understanding and choosing the right method using the Singapore Bar. Converting Analogue to digital and vice versa Fractions of the clock and of the whole	Mental strategies – using times tables and knowledge of x10 to calculate more complicated x Roman Numerals, decimal number system, Egyptian number system Ratio, proportion and percentages Volume and capacity and unit conversions Problem solving using proportion for recipes Use of Singapore to visualise the calculation required.	Mental Strategies Data handling and interpretation All times tables – 2,3,4,5,6,7,8,9,11,12 Applying known facts to work out more complicated calculations Maths investigation techniques with number and shape– systematic approach to problem solving and maths enquiry Using inverse operation and estimation to check our calculations

ENGLISH	<ul style="list-style-type: none"> -The Romans -Graphic novel Speaking and listening -Writing in the past tense -Use of speech bubbles and direct speech - Story from Rome -Descriptive writing for Characters and setting - Varying openers to create impact for reader - fronted prepositions and adverbials - Drama – museum visit - Information texts – leaflets - Topic based poetry - Pompeii - Vesuvius 	<ul style="list-style-type: none"> -Remembrance – World wars -Diary entry -Sentence structure, upgrading our sentences -Careful word choice -Drama - Radio interview -Newspaper article -Use of dialogue -Non-fiction text reading comprehension skills -identifying key words in the question to help us find the evidence from the text -Informal and formal letter writing as a war child -Note taking -Christmas production 	<ul style="list-style-type: none"> -Science fiction text (Tuesday – David Weisner) -Drama Characterisation, empathy -Diary entry from an alternate perspective -Conducting an interview, note taking - Taking turns – speaking and listening -Report writing as a detective -Use of technical vocabulary and powerful verbs -Poetry – comparison of different types for reading comprehension (traditional poems) -Telling the story -Write your version 	<ul style="list-style-type: none"> - Class read (Hodgeheg) - Adventure story -Use of punctuation for dialogue, impact with reader. - powerful word choices - self editing and improving our work and someone else's work - Persuasive writing - complex, compound sentences - main clause, subordinate clause 	<ul style="list-style-type: none"> -Ancient civilisation (Egypt, Indus) -A day in the life of... (diary writing) -Egyptian food -Recipe writing - Reading comprehension Non-fiction – famous Egyptians -Power point presentation on Egypt. Pharaohs, Egyptologists, Rosetta stone, 	<ul style="list-style-type: none"> -Oxford– Lewis Carroll 150th anniversary of Alice in Wonderland -descriptive setting writing -choice of vocabulary to create a fantasy -write a biography/autobiography -Performance of poetry, script writing/ school production
SCIENCE CLASS 3	<ul style="list-style-type: none"> Human body – healthy eating digestion, teeth Working scientifically- fair tests Intro to predicting, gathering results and making conclusions 	<ul style="list-style-type: none"> Human body – skeletons, muscles, joints Being healthy, exercise Plants – life cycle Seed dispersal, seasonal change 	<ul style="list-style-type: none"> States of matter Evaporation, condensing, freezing Reversible and irreversible changes Separating mixtures 	<ul style="list-style-type: none"> Animals – habitats -Pond dipping -animal classification -food chains Evolution, adaptation and our changing environment 	<ul style="list-style-type: none"> Cooking – Egyptian food 	<ul style="list-style-type: none"> Light and sound Sources of light Why is a shadow formed? Vibrations Volume and pitch Sound travelling through solids, liquids and gases
GEOGRAPHY Investigating our local area	<ul style="list-style-type: none"> UK roads, towns based on Roman legacy 	<ul style="list-style-type: none"> European countries 	<ul style="list-style-type: none"> Rainforests 	<ul style="list-style-type: none"> Rainforests – persuasive writing Environmental issues 	<ul style="list-style-type: none"> Discussion/debate Wonders of the ancient world vs 	<ul style="list-style-type: none"> Local area study

					Wonders of the modern world	
HISTORY	Roman architecture, organisation Roman legacy upon Britain	Life as a child during war How WW2 began, Dunkirk, Evacuees, Battle of Britain, Rationing, D-Day, VE Day	None	None	Egyptian timeline Research skills	How has life in Britain changed since 1948?
DT/ART	Roman mosaics and coins	Study war artists – colour choices to represent mood – (charcoal and pencil techniques) Christmas cards/decorations	Artist study – Monet Lily ponds	collage using natural materials Outside my window	Making papyrus and decorate it with hieroglyphics	Wonderland inspired postage stamps
RELIGION	Do Christians have to take communion?	Is light a good symbol for celebration?	Is a Jewish /Hindu child free to choose their beliefs?	Does Easter make sense without Passover?	Does Jesus have authority for everyone?	Can made-up stories tell the truth?
PSHE	Class rights and responsibilities New beginnings, friendship, sharing	What are we remembering on Remembrance Day?	TOBY Team work	GOING FOR GOALS!	GOOD TO BE ME	SRE – RELATIONSHIPS CHANGES
MFL	Yo (All about me) Canciones y juegos	¡Vamos a celebrarlo! Aquí y allí (Out and about) El pasado y el presente (Then and now)	Los planetas (The planets) ¿Qué tiempo hace? (What's the weather like?)	El retorno de la primavera (The return of spring) Nuestro mundo (The world about us)	Cultivando unas cosas (Growing things) El Carnaval de los animales (Carnival of the Animals)	La comida sana (Healthy eating) La vida deportiva (Sporting life)
ICT -	eSafety Presentation	Programming – Light bot, Scratch, logo Legomindstorms and big tracks		Communication – world wide web internet	Excell and data management	Multimedia

* ENQUIRY IN ENVIRONMENTAL AND TECHNOLOGICAL CONTEXTS will be included throughout science classes.

*PSHE Based on SEAL curriculum. The SRE content will be specifically geared towards individual year groups and may be taught in separate groups.