

Below is the range of experiences and activities that the children will do throughout the year. This is how we will bring our curriculum to life and provide learners with as many cross-curricular, meaningful and memorable experiences as possible.

	Autumn 1 Invaders		Spring 1 Spring 2 Disaster! Wild Waters		Summer Mexico and the Maya	
Enrichment Experiences					Bikeability	
British Values and SMSC	Thankfulness	Trust	Perseverance	Justice	Service	Truth & Truthfulness
English	The Lost Thing	Curiosity	The Man who walked between the towers	The Tempest	The Sleeper and the Spindle	The Rain Player
	Shackleton's Journey	Hidden Figures	The Tale of Three Brothers- Film/Poetry Unit		Firebird	The Lost Happy Endings
Spelling, Grammar and Punctuation	Can I use passive verbs to at Can I use expanded noun phe Can I use semi-colons or das Can I use a colon to introduc Can I punctuate bullet points Learning the Grammar for Y5: (5) Can I convert nouns or adjectives into v (5) Can I use verb prefixes e.g. dis, de, mis (5) Can I use relative clauses beginning wit (5) Can I use modal verbs or adverbs to ind (5) Can I use devices to build cohesion wit (5) Can I link ideas across paragraphs usin (5) Can I use brackets, dashes, or commas (5) Can I use commas to clarify meaning or Can I use and understand the grammatical Handwriting Can I write legibly, fluently ar Can I choose which shape of Can I choose the writing implemation Can I use further prefixes and Can I use further prefixes and Can I use dictionaries to chece Can I use the first three or for Can I use a thesaurus?	ffect the presentation of information in a sente trases to convey complicated information conshes to mark boundaries between independer e a list? consistently? erbs using suffixes e.g. ate, ise, ify?, over and re? h who, which, where, when, whose, that, or w dicate degrees of possibility? hin a paragraph? (then, after that, this, firstly) g adverbials of time, place, number or tense of to indicate parenthesis? avoid ambiguity in writing? terminology in English Appendix 2 accurately	speech and writing, including subjunctive form ence? cisely? It clauses? with an implied (i.e. omitted) related pronoun choices? and appropriately in discussing their writing a ling whether or not to join specific letters? dding them? emn) In are often confused? In or both of these in a dictionary?			



Maths	Number: Place Value (wks 1 to 3)	Number: Multiplication and Division (wks 8 to 10)	Number: Multiplication and Division (wks 1 to 3)	Number: Fractions (wks 4 to 10)	Consolidation (wk 1) Number: Decimals (wks 2 to 5)	Geometry: Position and Direction (wks 8 to 10)
	Number: Addition and Subtraction (wks 4 to 6) Statistics (wks 6 to 7)	Measurement: Perimeter and Area (wks 11 to 12)	Number: Fractions (wks 4 to 10)	Number: Decimals and Percentages (wks 10 to 11) Consolidation (wk 12)	Geometry: Properties of Shape (wks 5 to 7)	Measurement: Converting Units (wks 10 to 11) Measurement: Volume (wk 12)
	Place Value Can I read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit? Can I count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000? Can I interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero? Can I round any number, up to 1,000,000, to the nearest 10, 100, 1000.	Multiplication & Division Can I identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers? Can I know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers? Can I establish whether a number up to 100 is prime and recall prime numbers up to 19? Can I multiply numbers up to 4 digits by a one- or two-digit number using a formal	Multiplication & Division Can I recognise and use square numbers and cube numbers, and the notation for squared (?) and cubed (³)? Can I solve problems involving multiplication and division including using my knowledge of factors and multiples, squares and cubes? Can I solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign?	Fractions Can I add and subtract fractions with the same denominator and denominators that are multiples of the same number? Can I multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams? Can I read and write decimal numbers as fractions [e.g. 0.71 = \frac{71}{100}]?	Decimals Can I read, write, order and compare numbers with up to three decimal places? Can I solve problems involving number up to three decimal places? Can I use all four operations to solve problems involving measure [e.g. length, mass, volume, money] using decimal notation, including scaling? Geometry: Properties of Shape Can I identify 3-D shapes, including cubes and other cuboids, from 2-D	Geometry: Position and Direction Can I identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed? Measurement: Converting Units Can I convert between different units of metric measure (e.g. kilometre and metre; centimetre and millimetre; gram and kilogram; litre
	10 000 and 100 000? Can I solve number problems and practical problems that involve all of the above? Can I read Roman numerals to 1000 (M) and recognise years written in Roman numerals? Addition & Subtraction Can I add and subtract whole numbers	written method, including long multiplication for two-digit numbers? Can I multiply and divide numbers mentally drawing upon known facts? Can I divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context? Can I multiply and divide whole numbers and those involving decimals by 10, 100 and 1000?	Can I solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates? Fractions Can I compare and order fractions whose denominators are all multiples of the same number? Can I identify, name and write equivalent fractions of a given fraction, represented	Can I recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents? Can I round decimals with two decimal places to the nearest whole number and to one decimal place? Can I recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100. and as a decimal?	representations? Can I understand that angles are measured in degrees? Can I estimate and compare acute, obtuse and reflex angles? Can I draw given angles, and measure them in degrees (°)? Can I identify angles at a point and one whole turn (total 360°)? Can I identify angles at a point on a straight line and a ½ turn (total 180°)?	and millilitre)? Can I understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints? Can I solve problems involving converting between units of time? Measurement: Volume Can I estimate volume [e.g. using 1 cm3]
	with more than 4 digits, including using formal written methods (columnar addition and subtraction)? Can I add and subtract numbers mentally with increasingly large numbers? Can I use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy? Can I solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why?	Measurement: Perimeter and Area Can I measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres? Can I calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes?	reactions of a given fraction, represented visually, including tenths and hundredths? Can I recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [e.g. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]?	Can I solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{2}{5}, \frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25?	Can I identify multiples of 90° (right angles) in shapes and turns? Can I use the properties of rectangles to deduce related facts and find missing lengths and angles? Can I distinguish between regular and irregular polygons based on reasoning about equal sides and angles?	blocks to build cuboids (including cubes)] and capacity [e.g. using water]? Statistics Can I solve comparison, sum and difference problems using information presented in a line graph? Can I complete, read and interpret information in tables, including timetables?



Geography	The UK	Volcanoes and earthquakes.	Locational - Locate the world's	
Goography			countries, using maps to focus	
	Human geography, including: types of settlement and land use,		on North America,	
	economic activity including trade links, and the distribution of		concentrating on their	
	natural resources including energy, food, minerals and water		environmental regions, key	
			physical and human	
	Skills and Fieldwork		characteristics, countries, and	
	Use maps, atlases, globes and digital/computer mapping to locate		major cities.	
	countries and describe features studied.			
			Place - Understand	
	Use the 8 points of a compass, 6-figure grid references, symbols		geographical similarities and	
	and key to build their knowledge of the United Kingdom		differences through the study of	
			human and physical geography	
	Use fieldwork to observe, measure record and present the human		of a region in North America.	
	and physical features in the local area using a range of methods,			
	including, plans and graphs, and digital technologies.		Physical geography, including:	
			rivers, mountains (in North	
			America).	
			Skills and Fieldwork	
			Use maps, atlases, globes and	
			digital/computer mapping to	
			locate countries and describe	
			features studied.	
			Lies the Queinte of a semness	
			Use the 8 points of a compass,	
			6-figure grid references,	
			symbols and key to build their	
			knowledge of the North America.	
			America.	
			Use fieldwork to observe,	
			measure record and present the	
			human and physical features in	
			the local area using a range of	
			methods, including, plans and	
			graphs, and digital	
			technologies.	
			teomologies.	
History	Britain's settlement by Anglo-Saxons and Scots.			A non-European society that provides contrasts with British history
· ···otor y	, , , , , , , , , , , , , , , , , , , ,			– a study of Mayan c.AD 900
	The Viking and Anglo-Saxon struggle for the kingdom of England to			
	the time of Edward the Confessor			
	The Viking and Anglo-Saxon struggle for the kingdom of England to the time of Edward the Confessor			a study of Mayall C.AD 300



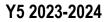
Calamaa	Farth and space	Forces	Proportios and changes of ma	torials	Living things and their	Animals including humans			
Science	 taking measurements, using a range recording data and results of increase using test results to make predictions reporting and presenting findings from 	Forces • explain that 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.	of their properties, including transparency, conductivity (cresponse to magnets) • know that some materials we solution, and describe how to solution • use knowledge of solids, liquing mixtures might be separated sieving and evaporating governers, based on evided tests, for the particular uses metals, wood and plastic demonstrate that dissolving, reversible changes • explain that some changes of materials, and that this kind including changes associated acid on bicarbonate of sodal mising and controlling variables where necessary and precision, taking repeat readings where the properties of the properties of the properties of solids, classification keys, tables, scatter graphitionships and explanations of and degree of	r everyday materials on the basis their hardness, solubility, electrical and thermal), and ill dissolve in liquid to form a or recover a substance from a uids and gases to decide how d, including through filtering, ance from comparative and fair of everyday materials, including mixing and changes of state are result in the formation of new of change is not usually reversible, and with burning and the action of esary en appropriate	Living things and their habitats • describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird • describe the life process of reproduction in some plants and animals.	Animals, including humans describe the changes as humans develop to old age.			
Art & Design	Drawing – I need space		Sculpture and 3D – Interactive i	nstallation	Painting and mixed media - Por	traits			
=	Arts Wook - Craft and decian	Architecture							
(Kapow)	Arts Week – Craft and design - Architecture Pupils should be taught to: develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design. create sketch books to record their observations and use them to review and revisit ideas. improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] about great artists, architects and designers in history.								
Music	Livin' on a prayer	Classroom Jazz 1	Make you feel my love	The Fresh Prince of Bel-Air	Dancing in the street	Reflect, Rewind and Replay			
(Chaanga)	 play and perform in solo and ensemble improvise and compose music for a relisten with attention to detail and recause and understand staff and other new 	composition, organising and manipulating ide ple contexts, using their voices and playing mu ange of purposes using the inter-related dime all sounds with increasing aural memory.	sical instruments with increasing accuracy, t nsions of music.	luency, control and expression.	1				
	 appreciate and understand a wide ra develop an understanding of the history 		awn nom umerent traditions and from great (omposers and musicialis.					



D&T	Mechanical systems	Structures	Digital World	Food	Textiles	Electrical systems				
Dai	meenamear cyclems	oti dotal co	Signal World	1000	Toxuloo	Licotriour dyotomo				
(Kapow)	Making a pop-up book	Bridges	Monitoring devices	What could be healthier?	Designing a stuffed toy	Doodlers				
	When designing and making, pupils should be taught to: Design use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design. Make select from and use a wider range of tools and equipment to perform practical tasks ffor 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 investigate and analyse a range of existing products. evaluate their ideas and products against their own design criteria and consider the views of others to improve their work. understand how key events and individuals in design and technology have helped shape the world. Technical knowledge apply their understanding of how to strengthen, stiffen and reinforce more complex structures. understand and use electrical systems in their products [for example, gears, pulleys, cams, levers and linkages]. understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]. apply their understanding of computing to program, monitor and control their products. Cooking and Nutrition understand and and ply the principles of a healthy and varied diet.									
	 prepare and cook a variety of predoming understand seasonality, and know where an 									
RE	understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. BELIEVING									
Computing	Computing systems and	Creating media - Video	Programming A – Selection	Data and information - Flat-	Creating media – Vector	Programming B – Selection				
. 3	networks – Systems and	<u>production</u>	in physical computing	file databases	drawing	in quizzes				
	Sharing To explain that computers can be connected together to form systems. To recognise the role of computer systems in our lives. To experiment with search	To explain what makes a video effective To identify digital devices that car record video To capture video using a range of techniques To create a storyboard	includes count-controlled loops To explain that a loop can stop when a condition is met	To use a form to record information To compare paper and computer-based databases To outline how you can answer questions by grouping and then sorting data	To identify that drawing tools can be used to produce different outcomes To create a vector drawing by combining shapes To use tools to achieve a desired effect	To explain how selection is used in computer programs To relate that a conditional statement connects a condition to an outcome To explain how selection directs the flow of a program				
	engines To identify that video can be used to repeatedly check whether a condition has been select results. To explain that a loop can be used to repeatedly check whether a condition has been met To explain that a loop can be used to repeatedly check whether a condition has been met To explain that tools can be used to select specific data To recognise that vector drawings consist of layers									



	To explain how search results are ranked To recognise why the order of results is important, and to whom Pupils should be taught to:	To consider the impact of the choices made when making and sharing a video	To design a physical project that includes selection To create a program that controls a physical computing project	To explain that computer programs can be used to compare data visually To use a real-world database tanswer questions	To group objects to make ther easier to work with To apply what I have learned about vector drawings	To create a program which uses selection To evaluate my program				
	arts. ion and collaboration. t accomplish given goals, including collecting,	analysing, evaluating and presenting data and								
PE	Health and Fitness	Dance Football	Gymnastics		Cricket R	thletics ounders AA				
	Pupils should continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. They should enjoy communicating, collaborating and competing with each other. They should develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success. Pupils should be taught to: • use running, jumping, throwing and catching in isolation and in combination play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics] • perform dances using a range of movement patterns • take part in outdoor and adventurous activity challenges both individually and within a team compare their performances with previous ones and demonstrate improvement to achieve their personal best. Swimming and water safety - All schools must provide swimming instruction either in key stage 1 or key stage 2. In particular, pupils should be taught to: • swim competently, confidently over a distance of at least 25 metres • use a range of strokes effectively [for example, front crawl, backstroke and breaststroke] • perform safe self-rescue in different water-based situations.									
MFL (Language Angels)	Phonetics lesson 3 (C) Do you have a pet? (I) Pupils should be taught to: Itisten attentively to spoken language and show understanding by joining in and responding. explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words. engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help* speak in sentences, using familiar vocabulary, phrases and basic language structures. develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases* present ideas and information orally to a range of audiences* read carefully and show understanding of words, phrases and simple writing. appreciate stories, songs, poems and rhymes in the language.									
	 broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary. write phrases from memory, and adapt these to create new sentences, to express ideas clearly. describe people, places, things and actions orally* and in writing Languages – key stage 2 3. understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter forms and the conjugation of high-frequency verbs; key features and patterns of the language; how to apply these, for inbuild sentences; and how these differ from or are similar to English. 									





PSHE& RSHE	Relationships			Liv	Living in the wider world			Health and Wellbeing		
	Families and friendships	Safe relationships	Respecting ourselves and others	Belonging to a community	Media literacy and digital resilience	Money and work	Physical health and Mental wellbeing	Growing and changing	Keeping safe	
	Managing friendships and peer influence	Physical contact and feeling safe	Responding respectfully to a wide range of people; recognising prejudice and discrimination	Protecting the environment; compassion towards others	How information online is targeted; different media types, their role and impact	Identifying job interests and aspirations; what influences career choices; workplace stereotypes	Healthy sleep habits; sun safety; medicines, vaccinations, immunisations and allergies	Personal identity; recognising individuality and different qualities; mental wellbeing	Keeping safe in different situations, including responding in emergencies, first aid and FGM	