



	Autumn	Spring	Summer
R.E. (Come & See)	Domestic Church – Ourselves: Created In The Image And Likeness Of God	Local Church - Mission: Continuing Jesus’ Mission In Diocese (Ecumenism)	Pentecost – Transformation: Celebration Of The Spirit’s Transforming Power
	Baptism/Confirmation – Life Choices: Marriage, Commitment And Service	Eucharist – Memorial Sacrifice: Eucharist As The Living Memorial Of Christ’s Sacrifice	Reconciliation/Anointing Of The Sick – Freedom & Responsibility: Commandments Enable Christians To Be Free And Responsible
	Advent/Christmas – Hope: Advent: Waiting In The Joyful Hope For Jesus, The Promised One	Lent/Easter – Sacrifice: Lent: A Time Of Aligning With The Sacrifice Made By Jesus	Universal Church – Stewardship: The Church Is Called To The Stewardship Of Creation
	Judaism - Passover	Islam – Ramadan And Pilgrimage	Hinduism – Hindu Believe In One God, Pilgrimage

	Aut 1	Aut 2	Spr 1	Spr 2	Su 1	Su2
PSHE	What makes a community? What it means to be in a community; groups and individuals that support the local community; voluntary, community and pressure groups; appreciating the range of identities in the UK; values and customs of people living around the world.	What does discrimination mean? Actions can affect self and others; discrimination, teasing and bullying; stereotypes; differences and similarities between people; equalities	How can we manage our money? About the role of money; ways of managing money; being a critical consumer; that images in the media do not necessarily reflect reality	What choices help health? What makes a balanced lifestyle; making choices; what is meant by a habit; drugs common to everyday life; who helps them stay healthy and safe	How can we be safe online and using social media? Keeping safe and well using a mobile phone; strategies for managing personal safety online; managing requests for images	What makes us enterprising? Different ways of achieving and celebrating personal goals; high aspirations; growth mind-set; setting up an enterprise; what enterprise means for work and society

Subject	Objectives	Aut 1	Aut 2	Spr 1	Spr 2	Su 1	Su 2	
English Spoken Language	listen and respond appropriately to adults and their peers		X	X			X	
	ask relevant questions to extend their understanding and knowledge		X	X		X	X	
	use relevant strategies to build their vocabulary	X				X		
	articulate and justify answers, arguments and opinions	X				X		
	give well-structured descriptions, explanations and narratives for different purposes, including expressing feelings		X	X		X		
	maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments		X			X		
	use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas		X	X		X		
	speak audibly and fluently with an increasing command of Standard English	X					X	X
	participate in discussions, presentations, performances, role play, improvisations and debates	X					X	
	gain, maintain and monitor the interest of the listener(s)		X				X	
	consider and evaluate different viewpoints, attending to and building on the contributions of others				X			
select and use appropriate registers for effective communication.				X				

Word Reading	apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), as listed in English Appendix 1, both to read aloud and to understand the meaning of new words that they meet.	X	X	X	X	X	X
Reading Comprehension	maintain positive attitudes to reading and understanding of what they read by:						
	continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbook	X	X		X	X	
	reading books that are structured in different ways and reading for a range of purposes	X	X		X	X	
	increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions		X	X		X	X
	recommending books that they have read to their peers, giving reasons for their choices		X	X		X	
	identifying and discussing themes and conventions in and across a wide range of writing	X			X		
	making comparisons within and across books		X		X		X
	learning a wider range of poetry by heart		X				
	preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience		X	X		X	
	understand what they read by:						
	checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context	X	X	X	X	X	X
	asking questions to improve their understanding	X	X	X	X	X	X
	drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, justifying inferences with evidence	X	X	X	X	X	X
	predicting what might happen from details stated and implied	X	X	X	X	X	X
	summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas	X	X	X	X	X	X
	identifying how language, structure and presentation contribute to meaning	X	X	X	X	X	X
	discuss and evaluate how authors use language, including figurative language, considering the impact on the reader		X		X		X
	distinguish between statements of fact and opinion	X			X	X	
	retrieve, record and present information from non-fiction	X	X	X	X		
participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously	X	X			X	X	
explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary			X		X		
provide reasoned justifications for their views.		X			X		
Writing Transcription	use further prefixes and suffixes and understand the guidance for adding them	X	X				
	spell some words with 'silent' letters [for example, knight, psalm, solemn]					X	
	continue to distinguish between homophones and other words which are often confused				X		

	use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically, as listed in English Appendix 1			X			
	use dictionaries to check the spelling and meaning of words	X		X		X	
	use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary	X		X		X	
Handwriting	write legibly, fluently and with increasing speed by:						
	choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters	X	X				
	choosing the writing implement that is best suited for a task.	X	X			X	X
Writing Composition	plan their writing by:						
	identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own	X	X	X	X	X	X
	noting and developing initial ideas, drawing on reading and research where necessary	X	X	X		X	
	in writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed		X		X		X
	draft and write by:						
	selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning	X	X		X		X
	in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action		X		X	X	X
	precising longer passages	X			X	X	
	using a wide range of devices to build cohesion within and across paragraphs		X		X		
	using further organisational and presentational devices to structure text and to guide the reader [e.g. headings, bullet points, underlining]	X		X		X	
	evaluate and edit by:						
	assessing the effectiveness of their own and others' writing	X	X	X	X	X	X
	proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning	X	X		X	X	
	ensuring the consistent and correct use of tense throughout a piece of writing	X	X	X		X	
ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register	X	X					
proof-read for spelling and punctuation errors	X	X	X		X		
perform their own compositions, using appropriate intonation, volume, and movement so that meaning is clear.		X	X		X		
Vocabulary, Grammar & Punctuation	develop their understanding of the concepts set out in English Appendix 2 by:						
	recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms						
	using passive verbs to affect the presentation of information in a sentence						
	using the perfect form of verbs to mark relationships of time and cause			X		X	X
	using expanded noun phrases to convey complicated information concisely			X	X	X	
	using modal verbs or adverbs to indicate degrees of possibility					X	

	using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun			X		X	X
	learning the grammar for years 5 and 6 in English Appendix 2	X	X	X	X	X	X
	indicate grammatical and other features by:						
	using commas to clarify meaning or avoid ambiguity in writing	X	X	X		X	
	using hyphens to avoid ambiguity				X	X	
	using brackets, dashes or commas to indicate parenthesis			X	X		X
	using semi-colons, colons or dashes to mark boundaries between independent clauses					X	
	using a colon to introduce a list	X		X		X	
	punctuating bullet points consistently	X		X		X	
	use and understand the grammatical terminology in English Appendix 2 accurately and appropriately in discussing their writing and reading	X	X	X	X	X	X
Mathematics	National Curriculum Objectives	Aut 1	Aut 2	Spr 1	Spr 2	Su 1	Su 2
Number & Place Value	read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	X					
	count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	X					
	interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	X					
	round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	X					
	solve number problems and practical problems that involve all of the above	X					
	read Roman numerals to 1000 (M) and recognise years written in Roman numerals	X					
Addition & Subtraction	add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)	X					
	add and subtract numbers mentally with increasingly large numbers	X					
	use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	X					
	solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	X					
Multiplication & Division	identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers		X				
	know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers		X				
	establish whether a number up to 100 is prime and recall prime numbers up to 19		X				
	multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers		X				

	multiply and divide numbers mentally drawing upon known facts		X				
	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		X				
	multiply and divide whole numbers and those involving decimals by 10, 100 and 1000		X				
	recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)		X				
	solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes		X				
	solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign	X	X				
	solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates		X	X	X		
Fractions (including decimals & percentages)	compare and order fractions whose denominators are all multiples of the same number			X	X		
	identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths			X	X	X	
	recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1 \frac{1}{5}$]			X	X		
	add and subtract fractions with the same denominator and denominators that are multiples of the same number			X	X		
	multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams			X	X		
	read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$]				X	X	
	recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents				X	X	
	round decimals with two decimal places to the nearest whole number and to one decimal place				X	X	
	read, write, order and compare numbers with up to three decimal places				X	X	
	solve problems involving number up to three decimal places				X	X	
	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				X		
	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				X		
Measurement	convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)		X			X	X
	understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints		X			X	X

	measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres		X				
	calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm ²) and square metres (m ²) and estimate the area of irregular shapes		X				
	estimate volume [for example, using 1 cm ³ blocks to build cuboids (including cubes)] and capacity [for example, using water]						X
	solve problems involving converting between units of time						X
	use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling		X				X
Geometry: Properties of Shapes	identify 3-D shapes, including cubes and other cuboids, from 2-D representations					X	
	know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles					X	
	draw given angles, and measure them in degrees (°)					X	
	identify:						
	angles at a point and one whole turn (total 360°)					X	
	angles at a point on a straight line and 1/2 a turn (total 180°)					X	
	other multiples of 90°					X	
use the properties of rectangles to deduce related facts and find missing lengths and angles						X	
distinguish between regular and irregular polygons based on reasoning about equal sides and angles						X	
Geometry: Position & Direction	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					X	
Statistics	solve comparison, sum and difference problems using information presented in a line graph	X					
	complete, read and interpret information in tables, including timetables	X					

IPC		Term 1	Term 2	Term 3	
		The Story Of English (Incl. Rsc Project)	Earth As An Island	Tour Du Monde	Ad 900
ART	To create sketch books to record their observations and use them to review and revisit ideas		X		X
	To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]	X	X	X	X
	About great artists, architects and designers in history	X		X	X
GEOGRAPH	Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and <u>South America</u> , concentrating on their environmental regions, key physical	X	X	X	X
	Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time		X		
	Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)		X	X	

H Y	Pl a c e k n o w l e d g e	Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America		X	X		
	Hu m a n & p h y s i c a l g e o g r a p h y	Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle		X			
		Describe and understand key aspects of: human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water	X	X			
	Ge o g r a p h i c a l s k i l l s & f i e l d w o r k	Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied	X	X	X		
		Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world		X			
		Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.		X			
	HIST ORY	The Roman Empire and its impact on Britain					
		Britain's settlement by Anglo-Saxons (legacy of runes and words from Anglo-saxon -old english, located kingdoms and hierachy) and Scots (Celtic influences in our language)		X			
		The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor (story and re-enactment and recount of the raid on Lindisfarne, Kennings and legacy of their language, the story of Beowulf)		X			
		A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 (pre-english/old-english/middle english/modern english - Battle of Hastings - Norman conquest their influence on language, feudalism, the Domesday Book- first record of Leigh. Chronological ordering of texts from Beowulf, Chaucer, Shakespeare, Oscar Wilde)		X			
Ancient Greece – a study of Greek life and achievements and their influence on the western world							
Non-European society that provides contrasts with British history - one study chosen from: Early Islamic civilization, including a study of Baghdad c.AD 900; Myan civilization c.AD 900; Benin (West Africa) c.AD 900-1300					X		
MUSI C	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression		X	X	X	X	
	Improvise and compose music for a range of purposes using the inter-related dimensions of music			X			
	Listen with attention to detail and recall sounds with increasing aural memory		X	X			
	Use and understand staff and other musical notations				X		
	Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians		X	X		X	
	Develop an understanding of the history of music.		X	X	X		
T E C H N O L	D e s i g n	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			X	X	
		Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design			X	X	
	M a k e	Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately			X	X	

O G Y		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			X	X
	E v a l u a t e	Investigate and analyse a range of existing products			X	X
		Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work			X	X
		Understand how key events and individuals in design and technology have helped shape the world			X	X
	T e c h n i c a l K n o w l e d g e	Apply their understanding of how to strengthen, stiffen and reinforce more complex structures			X	X
		Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]		X		
		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				
	C o o k i n g & N u t r i t i o n	Understand and apply the principles of a healthy and varied diet	X			
		Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques	X			
		Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.	X			
	I C T & C O M P U T I N G	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts			X	
		Use sequence, selection, and repetition in programs; work with variables and various forms of input and output			X	
Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs				X		
Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration		X	X		X	
Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content			X			
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		X			X	
Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.		X	X		X	
P E	Use running, jumping, throwing and catching in isolation and in combination	X		X		
	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	X	X			
	Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]	X	X	X		
	Perform dances using a range of movement patterns	X				
	Take part in outdoor and adventurous activity challenges both individually and within a team		X		X	
	Compare their performances with previous ones and demonstrate improvement to achieve their personal best	X		X		
L A N G U A G E S	Listen attentively to spoken language and show understanding by joining in and responding			X		
	Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words			X		
	Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help*		X	X		
	Speak in sentences, using familiar vocabulary, phrases and basic language structures		X	X		

	Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases*			X	
	Present ideas and information orally to a range of audiences*			X	
	Read carefully and show understanding of words, phrases and simple writing			X	
	Appreciate stories, songs, poems and rhymes in the language			X	
	Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary			X	
	Write phrases from memory, and adapt these to create new sentences, to express ideas clearly			X	
	Describe people, places, things and actions orally* and in writing			X	
	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 instance, to build sentences; and how these differ from or are similar to English.			X	

Science (Ipc)		Term 1		Term 2	Term 3
		Solids Liquids And Gases	Bake It (Reversible Reactions)	Space	Existing, Endangered, Extinct (Living Things)
Animals, including humans	describe the changes as humans develop to old age				
	identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood				
	recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function				
	describe the ways in which nutrients and water are transported within animals, including humans				
Properties & changes in materials	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	X	X		
	know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution	X	X		
	use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating	X	X		
	give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic	X	X		
	demonstrate that dissolving, mixing and changes of state are reversible changes	X	X		
	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	X	X		
Earth & Space	describe the movement of the Earth, and other planets, relative to the Sun in the solar system			X	
	describe the movement of the Moon relative to the Earth			X	
	describe the Sun, Earth and Moon as approximately spherical bodies			X	
	use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky			X	
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.				
Living Things & their Habitats	describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird				X
	describe the life process of reproduction in some plants and animals				X
	describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals				X
	give reasons for classifying plants and animals based on specific characteristics				X
Evolution & Inheritance	recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago				
	recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents				
	identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.				
	recognise that light appears to travel in straight lines				
Light	use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye				
	explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes				
	use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.				
	Electricity	associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit			

	compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches				
	use recognised symbols when representing a simple circuit in a diagram.				