National Curriculum 2014 Planning Document



Statutory Requirements Year 3

This document contains all of the statutory requirements of the National Curriculum (2014) broken down by subject. Please note this document should also be read in conjunction with the English and Maths appendices.

The document is to support the long, medium and short term planning processes to ensure both full coverage and progression. In the non-core subjects it is important that Key Stage teams plan for progression as this is not prescribed within the curriculum document. This document will form the start of the planning process and can be used as a monitoring tool to ensure all elements of the core areas are covered within the National Curriculum Year Group.

			ENGLISH			
Spoken Word	Word Reading	Comprehension	Writing – transcription	Writing – Handwriting	Writing – Composition	Writing – Grammar, Vocabulary and Punctuation
Pupils should be taught to: Ilisten and respond appropriat ely to adults and their peers ask relevant questions to extend their understan ding and knowledg e use relevant strategies to build their vocabular y articulate and justify answers, argument s and opinions give well-	Pupils should be taught to: apply their growing knowledge of root words, prefixes and suffixes (etymology and morpholog y) as listed in English Appendix 1, both to read aloud and to understand the meaning of new words they meet read further exception words, noting the unusual correspond ences between spelling.	Pupils should be taught to: develop positive attitudes to reading and understanding of what they read by: listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks reading books that are structured in different ways and reading for a range of purposes using dictionaries to check the meaning of words that they have read increasing their familiarity with a wide range of books, including fairy stories, myths and legends, and retelling some of these orally identifying themes	Spelling (see English Appendix 1) Pupils should be taught to: use further prefixes and suffixes and understand how to add them (English Appendix 1) spell further homophones spell words that are often misspelt (English Appendix 1) place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's] use the first two or three letters of a word to check its spelling in a dictionary write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.	Pupils should be taught to: use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstroke s of letters are parallel and equidistant:	Pupils should be taught to: plan their writing by: discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar discussing and recording ideas draft and write by: composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures (English Appendix 2) organising paragraphs	Pupils should be taught to: develop their understanding of the concepts set out in English Appendix 2 by: extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although using the present perfect form of verbs in contrast to the past tense choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition using conjunctions, adverbs and prepositions to express time and cause using fronted adverbials learning the grammar for years 3 and 4 in English
give well-	spelling	and conventions		equidistant;	paragraprio	5 and 4 in English

structured	and sound,	in a wide range of	that lines of	around a theme	Appendix 2
descriptio	and where	books preparing	writing are	in narratives,	
ns,	these	poems and play	spaced	,	indicate grammatical and
explanati	occur in	scripts to read	sufficiently	creating settings, characters and	other features by:
ons and	the word.	aloud and to	so that the		 using commas after
narratives		perform, showing	ascenders	plot	fronted adverbials
for		understanding	and	in non-narrative	indicating
different		through	descenders	material, using	possession by
purposes,		intonation, tone,	of letters do	simple	using the
including		volume and action	not touch].	organisational	possessive
for		discussing words		devices [for	apostrophe with
expressin		and phrases that		example,	plural nouns
g feelings		capture the		headings and	'
		reader's interest		sub-headings]	using and
maintain		and imagination		evaluate and edit by:	punctuating direct
attention		Ţ ,		•	speech
and		 recognising some 		dococoning the	 use and understand
participat		different forms of		effectiveness of their own and	the grammatical
e actively		poetry [for			terminology in
in		example, free		others' writing	English Appendix 2
collaborat		verse, narrative		and suggesting	accurately and
ive		poetry]		improvements	appropriately when
conversat		understand what they		proposing	discussing their
ions,		read, in books they can		changes to	writing and reading.
staying		read independently, by:		grammar and	
on topic				vocabulary to	
and		 checking that the text makes sense 		improve	
initiating		to them,		consistency,	
and		discussing their		including the	
respondin		understanding		accurate use of	
g to		and explaining the		pronouns in	
comment		meaning of words		sentences	
S		in context		 proof-read for spelling 	
use				and punctuation errors	
spoken		asking questions		·	
language		to improve their		read aloud their own	
to		understanding of		writing, to a group or the	
develop		a text		whole class, using	
understan		drawing		appropriate intonation	
ding		inferences such		and controlling the tone	
-				and volume so that the	

through	as inferring	meaning is clear.	
speculatin	characters'		
g,	feelings, thoughts		
hypothesi	and motives from		
sing,	their actions, and		
imagining	justifying		
and	inferences with		
exploring	evidence		
ideas	predicting what		
	might happen		
speak	from details		
audibly			
and	stated and implied		
fluently	identifying main		
with an	ideas drawn from		
increasin	more than one		
g	paragraph and		
command	summarising		
of	these		
Standard	■ identifying how		
English	language,		
	structure, and		
 participat 	presentation		
e in	contribute to		
discussio	meaning		
ns,	meaning		
presentati	 retrieve and record 		
ons,	information from non-		
performa	fiction		
nces, role			
play,	 participate in 		
improvisa	discussion about		
tions and	both books that		
debates	are read to them		
■ gain.	and those they		
94,	can read for		
maintain	themselves,		
and	taking turns and		
monitor	listening to what		
the	others say.		
interest of			
the			

	listener(s)			
•	consider			
	and			
	evaluate			
	different			
	viewpoint			
	S,			
	attending			
	to and			
	building			
	on the			
	contributi			
	ons of			
	others			
•	select			
	and use			
	appropriat			
	е			
	registers			
	for			
	effective			
	communi			
	cation.			

			Maths				
Number – Number and Place Value	Number – Addition and subtraction	Number – Multiplication and division	Number – fractions	Measurement	Geometry – Properties of shape	Geometry – Position and direction	Statistics
Place Value Pupils should be taught to: Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Compare and order numbers up to 1000 identify, represent and estimate numbers using different representations read and write numbers up to 1000 in numerals and in	Pupils should be taught to: add and subtract numbers mentally, including: a three-digit number and ones a three-digit number and tens a three-digit number and hundreds add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction estimate the answer to a calculation and use inverse operations to check answers solve problems, including missing number facts, place value, and more	and division Pupils should be taught to: recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods solve problems, including missing number	Pupils should be taught to: count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions and non-unit fractions and non-unit fractions with small	Pupils should be taught to: measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) measure the perimeter of simple 2-D shapes add and subtract amounts of money to give change, using both £ and p in practical contexts tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	Pupils should be taught to: I draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them I recognise angles as a property of shape or a description of a turn I identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a		Pupils should be taught to: Interpret and present data using bar charts, pictogram s and tables Solve onestep and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictogram
words solve number problems and practical	complex addition and subtraction.	problems, involving multiplication and division,	denominators recognise and show, using diagrams,	estimate and read time with increasing accuracy to the	complete turn; identify whether angles are greater than or		s and tables.

problems	including positive	equivalent	nearest minute;	less than a	
involving these	integer scaling	fractions with	record and	right angle	
ideas.	problems and correspondence problems in which n objects are connected to m objects.	small denominators add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7}$ + $\frac{1}{7} = \frac{6}{7}$] compare and order unit fractions, and fractions with the same denominators solve problems that involve all of the above.	compare time in	identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	

		Science	e		
Working Scientifically	Plants	Animals, inc Humans	Rocks	Light	Forces & Magnets
During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: - asking relevant questions and using different types of scientific enquiries to answer them - setting up simple practical enquiries, comparative and fair tests - making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers - gathering, recording, classifying and presenting data in a variety of ways to help in answering questions - recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables - reporting on findings from enquiries, including oral and written explanations, displays or presentations	Pupils should be taught to: identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant investigate the way in which water is transported within plants explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.	Pupils should be taught to: identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat identify that humans and some other animals have skeletons and muscles for support, protection and movement.	Pupils should be taught to: compare and group together different kinds of rocks on the basis of their appearance and simple physical properties describe in simple terms how fossils are formed when things that have lived are trapped within rock recognise that soils are made from rocks and organic matter.	Pupils should be taught to: recognise that they need light in order to see things and that dark is the absence of light notice that light is reflected from surfaces recognise that light from the sun can be dangerous and that there are ways to protect their eyes recognise that shadows are formed when the light from a light source is blocked by a solid object find patterns in the way that the size of shadows change.	Pupils should be taught to: compare how things move on different surfaces notice that some forces need contact between two objects, but magnetic forces can act at a distance observe how magnets attract or repel each other and attract some materials and not others compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials describe magnets as having two poles predict whether two magnets will attract or repel each other, depending on which poles are

	of results and conclusions		facing.
•	using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions		
•	identifying differences, similarities or changes related to simple scientific ideas and processes		
•	using straightforward scientific evidence to answer questions or to support their findings.		

			Non-Core Subje	ects			
Art & Design	Computing	Design &	Geography	History	MFL	Music	PE
		Technology					
Pupils should be taught to develop their techniques,	Pupils should be taught to: design, write and	Through a variety of creative and practical activities, pupils should	Pupils should extend their knowledge and understanding beyond the local area to	Pupils should continue to develop a chronologically secure	Pupils should be taught to:	Pupils should be taught to:	Pupils should be taught to:
including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design. Pupils should be taught: to create sketch books to record their observations and use them to review and revisit ideas 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] about great	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 understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the	be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts [for example, the home, school, leisure, culture, enterprise, industry and the wider environment]. 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	include the United Kingdom and Europe, North and South America. This will include the location and characteristics of a range of the world's most significant human and physical features. They should develop their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge. Pupils should be taught to: Locational knowledge locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features	knowledge and understanding of British, local and world history, establishing clear narratives within and across the periods they study. They should note connections, contrasts and trends over time and develop the appropriate use of historical terms. They should regularly address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance. They should construct informed responses that involve thoughtful selection and organisation of relevant historical information. They should understand how our knowledge of the past is constructed from a range of sources. In planning to ensure the progression described above	Ilisten attentively to spoken language and show understandi ng 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 conversatio ns; ask and answer questions; express opinions and respond to those of others;	 play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression improvise and compose music for a range of purposes using the inter-related dimensions of music listen with attention to detail and recall sounds with increasing aural memory use and understand staff and other musical notations appreciate and understand a wide range of 	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]

artists,	opportunities they	communicate	(including hills,	through teaching the	seek	high-quality live	 perform dances
architects and	offer for	their ideas	mountains, coasts and	British, local and	clarification	and recorded	using a range
designers in	communication and	through	rivers), and land-use	world history outlined	and help*	music drawn	of movement
history.	collaboration	discussion,	patterns; and	below, teachers	•	from different	patterns
	use search technologies	annotated sketches, cross- sectional and	understand how some of these aspects have changed over time	should combine overview and depth studies to help pupils understand both the	speak in sentences, using	traditions and from great composers and	take part in outdoor and
	effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	exploded diagrams, prototypes, pattern pieces and computer- aided design	 identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer 	long arc of development and the complexity of specific aspects of the content. Pupils should be taught about:	familiar vocabulary, phrases and basic language structures	musicians develop an understanding of the history of music.	adventurous activity challenges both individually and within a team
	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	Make select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately select from and use a wider range of materials and components, including	and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) Place knowledge 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	 changes in Britain from the Stone Age to the Iron Age the Roman Empire and its impact on Britain Britain's settlement by Anglo-Saxons and Scots the Viking and Anglo-Saxon struggle for the Kingdom of England to the 	 develop accurate pronunciati on and intonation so that others understand when they are reading aloud or using familiar words and phrases* present ideas and information orally to a 		compare their performances with previous ones and demonstrate improvement to achieve their personal best.
	 use technology safely, respectfully and responsibly; recognise acceptable/unacce 	construction materials, textiles and ingredients, according to	Human and physical geography describe and understand key aspects of:	time of Edward the Confessor a local history study	range of audiences* read carefully		
	ptable behaviour; identify a range of ways to report	their functional properties and aesthetic	physical geography, including:	 a study of an aspect or theme in British 	and show understandi ng of		

concerns a	bout qualities	climate zones,		history that		words,	1
content and	-	biomes and		extends pupils'		phrases	
contact.	Evaluate	vegetation		chronological		and simple	
contact.	• investigate and	belts, rivers,		knowledge		writing	
	analyse a range	mountains,		beyond 1066		wiiting	
	of existing	volcanoes and	· '	beyond 1000	•	appreciate	
	products	earthquakes,	•	the		stories,	
	products	and the water		achievements		songs,	
	evaluate their	cycle		of the earliest		poems and	
	ideas and	,		civilizations –		rhymes in	
	products	human		an overview of		the	
	against their	geography,	,	where and		language	
	own design	including: types	,	when the first		broaden	
	criteria and	of settlement		civilizations	_	their	
	consider the	and land use,		appeared and a		vocabulary	
	views of others	economic		depth study of		and	
	to improve their	activity		one of the		develop	
	work	including trade		following:		their ability	
	understand how	links, and the		Ancient Sumer;		to	
	key events and	distribution of		The Indus		understand	
	individuals in	natural		Valley; Ancient		new words	
	design and	resources		Egypt; The		that are	
	technology	including		Shang Dynasty		introduced	
	have helped	energy, food, minerals and		of Ancient		into familiar	
	shape the world			China		written	
		water				material,	
	Technical knowledge			Ancient Greece		including	
	apply their	Geographical skills and fieldwork		a study of		through	
	understanding	use maps, atlases,		Greek life and		using a	
	of how to	globes and		achievements		dictionary	
	strengthen,	digital/computer		and their		•	
	stiffen and	mapping to locate		influence on	•	write	
	reinforce more	countries and describe		the western		phrases	
	complex	features studied	,	world		from	
	structures					memory,	
		 use the eight points of a 		a non-		and adapt	
	 understand and 	compass, four and six-		European		these to	
	use mechanical	figure grid references,		society that		create new	
	systems in their	symbols and key		provides		sentences,	
	products [for	(including the use of		contrasts with		to express	
	example, gears,	Ordnance Survey		British history –		ideas	

1			alaank.	
pulleys, cams,	maps) to build their	one study	clearly	
levers and	knowledge of the	chosen from:	 describe 	
linkages]	United Kingdom and	early Islamic	people,	
 understand and 	the wider world	civilization,	places,	
use electrical	use fieldwork to observe,	including a	things and	
systems in their	measure, record and present	study of	actions	
products [for	the human and physical	Baghdad c. AD	orally* and	
example, series	features in the local area	900; Mayan	in writing	
circuits	using a range of methods,	civilization c.	iii wiitiiig	
incorporating	including sketch maps, plans	AD 900; Benin	understand	
switches, bulbs,	and graphs, and digital	(West Africa) c.	basic	
buzzers and	technologies.	AD 900-1300.	grammar	
motors]	technologies.		appropriate	
motorsj			to the	
apply their			language	
understanding			being	
of computing to			studied,	
program,			including	
monitor and			(where	
control their			relevant):	
products.			feminine,	
			masculine	
Cooking and nutrition			and neuter	
			forms and	
 understand and 			the	
apply the			conjugation	
principles of a			of high-	
healthy and			frequency	
varied diet			verbs; key	
			features	
prepare and			and	
cook a variety of			patterns of	
predominantly			the	
savoury dishes			language;	
using a range of			how to	
cooking			apply	
techniques			these, for	
understand			instance, to	
seasonality, and			build	
know where			sentences;	
KIIOW WIIEIE			,	

and how a		and how	
variety of		these differ	
ingredients	ure	from or are	
grown, rear	d,	similar to	
caught and		English.	
processed.			
		The starred (*)	
		content above	
		will not be	
		applicable to	
		ancient	
		languages.	