National Curriculum Map



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.

			English (Year 3)			
Spoken Language	Word Reading	Comprehension	Writing – transcription	Writing – Handwriting	Writing – Composition	Writing – Grammar, Vocabulary and Punctuation
Pupils should be taught to: Ilisten and respond appropriately to adults and their peers ask relevant questions to extend their understanding and knowledge use relevant strategies to build their vocabulary articulate and justify answers, arguments and opinions give well-structured descriptions, explanations and narratives for different purposes, including for expressing feelings maintain attention and	Pupils should be taught to: apply their growing knowledge of root words, prefixes and suffixes (etymology and morphology) 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 correspondences between spelling and sound, and where these occur in the word.	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	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,	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 downstrokes of letters are parallel and equidistant; that lines of writing are	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)	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

actively in collaborative conversations, staying on topic staying on topic and responding and responding to comments poems and play serjies to read aloud and to develop understanding through speculating, imagining and exploring ideas exploring in command of Standard English participate in discussions, performances, performances, role play, improvisations and discussing standard and monitor the interest of the ilistener(s) and other standing the meaning of words and evaluate and the text makes as one to them.	participate	retelling some of	dictated by the	spaced	organising	express time
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 consider and evaluate the meaning of words in context writing, to a group or the whole class, using 	listener(s)	S			 read aloud their own 	their writing
evaluate words in context whole class, using	consider and					and reading.
World III GOILLON						
	different	words in context			appropriate intonation	

viewpoints,	 asking questions 	and controlling the tone
attending to	to improve their	and volume so that the
and building on	understanding of	meaning is clear.
the	a text	
contributions of	drawing	
others	inferences such	
select and use	as inferring	
00.001 0.10 0.00	characters'	
appropriate	feelings,	
registers for	thoughts and	
effective	motives from	
communication.	their actions, and	
	justifying	
	inferences with	
	evidence	
	 predicting what 	
	might happen	
	from details	
	stated and	
	implied	
	identifying main	
	ideas drawn from	
	more than one	
	paragraph and	
	summarising	
	these	
	identifying how	
	language,	
	structure, and	
	presentation contribute to	
	meaning	
	 retrieve and record 	
	information from non-	
	fiction	
	• participate in	
	discussion about	
	both books that	

Γ		are read to them		
		and those they		
		can read for		
		themselves,		
		taking turns and		
		listening to what		
		others say.		

		Maths (Year 3)				
Number – Numl Number and Addition Place Value subtra	on and Multiplication and	Number – fractions	Measurement	Geometry – Properties of shape	Geometry – Position and direction	Statistics
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	to: Ind subtract ers ally, ing: I a three- digit number and ones a three- digit number and tens a three- digit number and hundreds Ind subtract ers with up be digits, formal in methods umnar on and action at the er to a attion and action in the subtract ers with up and in methods I to: I recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables I 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 I solve problems, including missing number problems, involving multiplication and multiplication and	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 with small denominators recognise and use fractions with small denominators recognise and non-unit fractions with small denominators	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 estimate and read time with increasing accuracy to the	Pupils should be taught to: draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them recognise angles as a property of shape or a description of a turn dentify right angles, recognise that two right angles make a half- turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle		Pupils should be taught to: Interpret and present data using bar charts, pictograms 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 pictograms and tables.

practical	operations to	scaling problems	diagrams,	nearest minute;	identify	
problems	check answers	and	equivalent	record and	horizontal and	
involving these		correspondence	fractions with	compare time in	vertical lines	
ideas.	 solve problems, 	problems in which	small	terms of seconds,	and pairs of	
	including missing	n objects are	denominators	minutes and	perpendicular	
	number	connected to m		hours; use	and parallel	
	problems, using	objects.	 add and 	vocabulary such	lines.	
	number facts,		subtract	as o'clock,		
	place value, and		fractions with	a.m./p.m.,		
	more complex addition and		the same denominator	morning,		
	subtraction.		within one	afternoon, noon		
	Subtraction.		whole [for	and midnight		
				know the number		
			example, $\frac{5}{7}$ +	of seconds in a		
			1	minute and the		
			$\frac{1}{7} = \frac{6}{7}$]	number of days in		
			7 7-	each month, year		
			compare and	and leap year		
			order unit	. ,		
			fractions, and	compare		
			fractions with	durations of		
			the same	events [for		
			denominators	example to		
				calculate the time		
			solve problems	taken by		
			that involve all	particular events		
			of the above.	or tasks].		

		Science (Y	ear 3)		
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 (WS1) - setting up simple practical enquiries, comparative and fair tests (WS2) - making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers (WS3) - gathering, recording, classifying and presenting data in a variety of ways to help in answering questions (WS4) - recording findings using simple scientific language, drawings, labelled diagrams, keys, bar	Pupils should be taught to: identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers (S1) 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 (S2) investigate the way in which water is transported within plants (S3) explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. (S4)	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 (S5) identify that humans and some other animals have skeletons and muscles for support, protection and movement. (S6)	Pupils should be taught to: compare and group together different kinds of rocks on the basis of their appearance and simple physical properties (S7) describe in simple terms how fossils are formed when things that have lived are trapped within rock (S8) recognise that soils are made from rocks and organic matter. (S9)	Pupils should be taught to: recognise that they need light in order to see things and that dark is the absence of light (S10) notice that light is reflected from surfaces (S11) recognise that light from the sun can be dangerous and that there are ways to protect their eyes (S12) recognise that shadows are formed when the light from a light source is blocked by a solid object (S13) find patterns in the way that the size of shadows change. (S14)	Pupils should be taught to: compare how things move on different surfaces (S15) notice that some forces need contact between two objects, but magnetic forces can act at a distance (S16) observe how magnets attract or repel each other and attract some materials and not others (S17) 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 (S18) describe magnets as having two

charts, and	tables		poles
(WS5)			(S19)
 reporting on 	findings from		 predict whether
enquiries, in	ncluding oral		two magnets will
and written	explanations,		attract or repel
	presentations		each other,
	nd conclusions		depending on
(WS6)			which poles are
(***60)			facing.
 using results 	s to draw		
	lusions, make		(S20)
predictions f			
values, sugg			
	nts and raise		
further ques	SHOTIS		
(WS7)			
 identifying d 	lifferences.		
similarities of			
	mple scientific		
ideas and pr	rocesses		
(WS8)			
 using straigl 	htforward		
scientific evi			
answer que			
support thei	r imaings.		
(WS9)			

charcoal,	correct errors	equipment to perform	human and physical	through teaching the	and help*	aural memory	balance [for
paint, clay]	in algorithms	practical tasks	characteristics, key	British, local and	(F3)	(M3)	example,
(A2)	and programs	[for example, cutting,	topographical	world history		■ use and	through
	(C3)	shaping, joining and	features (including	outlined below,	speak in	asc and	athletics and
 about great 		finishing], accurately	hills, mountains,	teachers should	sentences,	understand	gymnastics]
artists,	 understand 	(D3)	coasts and rivers),	combine overview	using familiar	staff and other	(P3)
architects	computer		and land-use	and depth studies to	vocabulary,	musical	
and	networks	 select from and use a 	patterns; and	help pupils understand both the	phrases and	notations	perform
designers in	including the	wider range of materials	understand how	long arc of	basic	(M4)	dances using
history.	internet; how	and components,	some of these	development and	language	appreciate	a range of
(A3)	they can	including construction	aspects have	the complexity of	structures	and	movement
	provide	materials, textiles and	changed over time	specific aspects of	(F4)	understand a	patterns
	multiple	ingredients, according to	(G2)	the content.			(P4)
	services, such	their functional	(G2)	Pupils should be	 develop 	wide range of	- 4-1
	as the world	properties and aesthetic	 identify the position 	taught about:	accurate pronunciation	high-quality live and	 take part in outdoor and
	wide web; and	qualities	and significance of	 changes in 	'		
	the	(D4)	latitude, longitude,	Britain from	and intonation	recorded	adventurous
	opportunities		Equator, Northern	the Stone	so that others	music drawn	activity
	they offer for	Evaluate	Hemisphere,	Age to the	understand	from different	challenges
	communicatio	 investigate and analyse 	Southern	Iron Age	when they are	traditions and	both
	n and	a range of existing	Hemisphere, the	(H1)	reading aloud	from great	individually
	collaboration	products	Tropics of Cancer		or using	composers	and within a
	(C4)	(D5)	and Capricorn, Arctic	the Roman	familiar words	and musicians	team
			and Antarctic Circle,	Empire and	and phrases*	(M5)	(P5)
	 use search 	evaluate their ideas and	the Prime/Greenwich	its impact on	(F5)	develop an	 compare their
	technologies	products against their	Meridian and time	Britain	 present ideas 	understanding	performances
	effectively,	own design criteria and	zones (including day	(H2)	and	of the history	with previous
	appreciate	consider the views of	and night)	■ Britain's	information	of music.	ones and
	how results	others to improve their	(G3)	settlement by	orally to a	(M6)	demonstrate
	are selected	work		Anglo-Saxons	range of	(- /	improvement
	and ranked,	(D6)	Place knowledge	and Scots	audiences*		to achieve
	and be	 understand how key 	understand	(H3)	(F6)		their personal
	discerning in	events and individuals in	geographical	(113)	, ,		best.
	evaluating	design and technology	similarities and	the Viking	 read carefully 		(P6)
	digital content	have helped shape the	differences through	and Anglo-	and show		(1 5)
	(C5)	world	the study of human	Saxon	understanding		Swimming and
	select, use	(D7)	and physical	struggle for	of words,		water safety
	and combine	(=:,	geography of a	the Kingdom	phrases and		water sajety
	a variety of	Technical knowledge	region of the United	of England to	simple writing		
	software	apply their	Kingdom, a region in	the time of	(F7)		• swim
	(including	understanding of how to	a European country,	Edward the			competently,
	(including	and order and my to	a Europouri oourii y,				

T	internet	atronathon atiffon and	and a ragion within		Confessor	-	appropiata		aanfidantly
	internet	strengthen, stiffen and	and a region within				appreciate		confidently
	services) on a	reinforce more complex	North or South		(H4)		stories, songs,		and
	range of	structures	America	•	a local history		poems and		proficiently
	digital devices	(D8)	(G4)		study		rhymes in the		over a
	to design and	 understand and use 			(H5)		language		distance of at
	create a	mechanical systems in	Human and physical		, ,		(F8)		least 25
	range of	their products [for	geography describe and	•	a study of an		broaden their		metres (P7)
	programs,	example, gears, pulleys,	understand key		aspect or		vocabulary		
	systems and	cams, levers and	aspects of:		theme in		and develop	•	use a range
	content that	linkages]	· .		British history		their ability to		of strokes
	accomplish	(D9)	physical		that extends		understand		effectively [for
	given goals,	, ,	geography,		pupils'		new words		example,
	including	 understand and use 	including:		chronological		that are		front crawl,
	collecting,	electrical systems in	climate		knowledge		introduced		backstroke
	analysing,	their products [for	zones,		beyond 1066		into familiar		and
	evaluating	example, series circuits	biomes and		(H6)		written		breaststroke]
	and	incorporating switches,	vegetation		the		material,		(P8)
	presenting	bulbs, buzzers and	belts, rivers,		achievements		including		
	data and	motors]	mountains,		of the earliest		through using	•	perform safe
	information	(D10)	volcanoes		civilizations -		a dictionary		self-rescue in
	(C6)	apply their	and		an overview		(F9)		different
	use	understanding of	earthquakes,		of where and				water-based
	technology	computing to program,	and the		when the first	•	write phrases		situations
	safely,	monitor and control their	water cycle		civilizations		from memory,		(P9)
	respectfully	products.	(G5)		appeared and		and adapt		
	and	(D11)	human		a depth study		these to		
	responsibly;	,	geography,		of one of the		create new		
	recognise	Cooking and nutrition	including:		following:		sentences, to		
	acceptable/un		types of		Ancient		express ideas		
	acceptable	 understand and apply 	settlement		Sumer; The		clearly		
	behaviour;	the principles of a	and land use,		Indus Valley;		(F10)		
	identify a	healthy and varied diet	economic		Ancient		describe		
	range of ways	(D12)	activity		Egypt; The		people,		
	to report	(512)	including		Shang		places, things		
	concerns	prepare and cook a	trade links,		Dynasty of		and actions		
	about content	variety of predominantly	and the		Ancient China		orally* and in		
	and contact.	savoury dishes using a	distribution of		(H7)		writing		
	(C7)	range of cooking	natural		, ,		(F11)		
	•		resources		Ancient		,		
			including		Greece – a				
				<u> </u>		<u> </u>		l	

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	techniques	energy, food,	study of	understand		
	(D13)	minerals and	Greek life and	basic		
	 understand seasonality, 	water	achievements	grammar		
	and know where and	(G6)	and their	appropriate to		
	how a variety of		influence on	the language		
	-	Geographical skills and	the western	being studied,		
	ingredients are grown,	fieldwork	world	including		
	reared, caught and	use maps, atlases,	(H8)	(where		
	processed.	globes and		relevant):		
	(D14)	digital/computer	a non-	feminine,		
		mapping to locate	European	masculine and		
		countries and	society that	neuter forms		
		describe features	provides	and the		
		studied	contrasts with	conjugation of		
		(G7)	British history	high-		
			– one study	frequency		
		 use the eight points 	chosen from:	verbs; key		
		of a compass, four	early Islamic	features and		
		and six-figure grid	civilization,	patterns of the		
		references, symbols	including a	language;		
		and key (including	study of	how to apply		
		the use of Ordnance	Baghdad c.	these, for		
		Survey maps) to	•	instance, to		
		build their knowledge	AD 900;	build		
		of the United	Mayan			
		Kingdom and the	civilization c.	sentences;		
		wider world	AD 900;	and how these differ		
		(G8)	Benin (West			
		use fieldwork to	Africa) c. AD	from or are		
			900-1300.	similar to		
		observe, measure,	(H9)	English.		
		record and present		(F12)		
		the human and				
		physical features in		The starred (*)		
		the local area using a		content above will		
		range of methods,		not be applicable to		
		including sketch		ancient languages.		
		maps, plans and				
		graphs, and digital				
		technologies.				
		(G9)				