National Curriculum 2014 Planning Document



Kildwick CE VC Primary School 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.

Pupils should be taught to: listen and respond appropriate ely to adults and their peers and understand their understand ing and knowledge their understand ing and knowledge understand ing and knowledge of relevant questions to extend their understand ing and knowledge of reading and their understand their understand ing and knowledge of relevant questions to extend their understand ing and knowledge of relevant their understand ing and knowledge of their understand ing and knowledge of their understand their understand ing and knowledge of their understand their understand ing and knowledge of their understand ing and knowledge of their understand their understand ing and knowledge of their understand their understand their understand their understand their understand ing and knowledge of their understand understand understand understand understand understand understa				ENGLISH			
taught to: listen and respond spropriate knowledge ely to adults and their peers ask relevant questions to extend their understand ding and their relevant developed and to extend their relevant trategies to build heir relevant trategies to build their vocabular y y arriticulate and justify words, arrivaled and to appropriate the personnel of their their read further and to appropriate to increasing their familiarity with a winder tange of further and pluratily for example, girls; boys; and punctuation taught so face and punctuation taught to: Appendix 1)	•		Comprehension	Writing – transcription	_	Writing – Composition	•
answers, argument unusual legends, and retelling some of opinions ences legends and correspond opinions ences these orally legends, and retelling some of the second legends, and retelling some of the second legends are retelling some of the second l	listen 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	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	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	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	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	 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 	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

structured	and sound,	in a wide range of	that lines of	around a theme	Appendix 2
descriptio	and where	books preparing	writing are		
ns,	these	poems and play	spaced	in narratives,	 indicate grammatical and
explanati	occur in	scripts to read	sufficiently	creating settings,	other features by:
ons and	the word.	aloud and to	so that the	characters and	 using commas after
narratives	alo nora.	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				devices [for	apostrophe with
expressin		dioddoing words		example,	plural nouns
g feelings		and phrases that capture the		headings and	'
		reader's interest		sub-headings]	using and
maintain		and imagination		evaluate and edit by:	punctuating direct
attention				,	speech
and		 recognising some 		 assessing the effectiveness of 	 use and understand
participat		different forms of		their own and	the grammatical
e actively		poetry [for		others' writing	terminology in
in		example, free		and suggesting	English Appendix 2
collaborat		verse, narrative		improvements	accurately and
ive		poetry]		· ·	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		checking that the		vocabulary to	
and		text makes sense		improve	
initiating		to them,		consistency,	
and		discussing their		including the	
respondin		understanding		accurate use of	
g to comment		and explaining the		pronouns in	
S		meaning of words		sentences	
5		in context		 proof-read for spelling 	
use		 asking questions 		and punctuation errors	
spoken		to improve their		read aloud their own	
language		understanding of			
to		a text		writing, to a group or the whole class, using	
develop					
understan		• drawing		appropriate intonation and controlling the tone	
ding		inferences such		and controlling the tone and volume so that the	
				and volume so that the	

the many series	totandon	and a standard and a
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	stated and implied	
and		
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	
	and those they	
• gain,	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.				
1				1	

		Maths				
Number – Number – Addition Number and and subtraction Place Value	Number – Multiplication and division	Number – fractions	Measurement	Geometry – Properties of shape	Geometry – Position and direction	Statistics
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 words Pupils should be taught to: add and subtract numbers mentally, including: a three-digit number and tens because the place value and subtract numbers and tens a three-digit number and tens a three-digit number and tens because the place value of each digit number and tens a three-digit number and tens because the place value of each digit number and tens a three-digit number and tens because the place value of each digit number and tens a three-digit number and tens because the place value and subtract numbers and ones	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 multiplication and division,	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 non-unit fractions with small denominators recognise and show, using diagrams,	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		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 s and tables.

roblems	including positive	equivalent	nearest minute;	less than a	
volving these	integer scaling	fractions with	record and	right angle	
leas.	problems and	small	compare time in	identify	
	correspondence	denominators	terms of	idontiny	
	problems in which n objects are connected to m objects.	 add and subtract fractions with the same denominator within one whole [for 	seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon	horizontal and vertical lines and pairs of perpendicular and parallel lines.	
		example, $\frac{5}{7}$ +	and midnight		
		$\frac{1}{7} = \frac{6}{7}$	 know the number of seconds in a minute and the 		
		 compare and order unit fractions, and fractions with the same 	number of days in each month, year and leap year		
		denominators solve problems	compare durations of events [for		
		that involve all of the above.	example to calculate the time taken by		
			particular events		

		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 & Technology	Geography	History	MFL	Music	PE
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. 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	Pupils should be taught to: design, write and 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	Through a variety of creative and practical activities, pupils should 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	Pupils should extend their knowledge and understanding beyond the local area to 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	Pupils should continue to develop a chronologically secure 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	Pupils should be taught to: I listen 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;	Pupils should be taught to: 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	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]

artists,		opportunities they	communicate	(including hills,	thro	ough teaching the		seek	high-quality live		perform dances
architects and		offer for	their ideas	mountains, coasts and		ish, local and		clarification	and recorded		using a range
designers in		communication and	through	rivers), and land-use		ld history outlined		and help*	music drawn		of movement
history.		collaboration	discussion,	patterns; and		ow, teachers		anaak in	from different		patterns
		use search	annotated	understand how some		uld combine rview and depth	1	speak in	traditions and		take part in
	•	technologies	sketches, cross-	of these aspects have		dies to help pupils		sentences, using	from great	-	outdoor and
		effectively,	sectional and	changed over time		erstand both the		familiar	composers and		adventurous
		appreciate how	exploded	 identify the position and 	long	g arc of		vocabulary,	musicians		activity
		results are selected	diagrams,	significance of latitude,		elopment and the		phrases	develop an		challenges
		and ranked, and be	prototypes,	longitude, Equator,		nplexity of specific ects of the		and basic	understanding		both
		discerning in	pattern pieces	Northern Hemisphere,		tent.		language	of the history of		individually and
		evaluating digital	and computer-	Southern Hemisphere,		ils should be		structures	music.		within a team
		content	aided design	the Tropics of Cancer	tau	ght about:					
			***	and Capricorn, Arctic		changes in	•	develop		•	compare their
	•	select, use and	Make select from and	and Antarctic Circle, the		Britain from the		accurate			performances
		combine a variety of software	use a wider	Prime/Greenwich		Stone Age to		pronunciati on and			with previous ones and
		(including internet	range of tools	Meridian and time		the Iron Age		intonation			demonstrate
		services) on a	and equipment	zones (including day		· ·		so that			improvement to
		range of digital	to perform	and night)	•	the Roman		others			achieve their
		devices to design	practical tasks			Empire and its		understand			personal best.
		and create a range	[for example,	Place knowledge		impact on Britain		when they			p
		of programs,	cutting, shaping,	 understand 		Dillaili		are reading			
		systems and	joining and	geographical similarities and differences through	•	Britain's		aloud or			
		content that	finishing],	the study of human and		settlement by		using			
		accomplish given	accurately	physical geography of a		Anglo-Saxons		familiar			
		goals, including	select from and	region of the United		and Scots		words and			
		collecting,	use a wider	Kingdom, a region in a		the Viking and		phrases*			
		analysing,	range of	European country, and		Anglo-Saxon		present			
		evaluating and	materials and	a region within North or		struggle for the		ideas and			
		presenting data	components,	South America		Kingdom of		information			
		and information	including			England to the		orally to a			
		use technology	construction	Human and physical		time of Edward		range of			
		safely, respectfully	materials,	geography		the Confessor		audiences*			
		and responsibly;	textiles and	 describe and 		a local history		rood			
		recognise	ingredients,	understand key aspects		study		read carefully			
		acceptable/unacce	according to	of:		•		and show			
		ptable behaviour;	their functional	physical	•	a study of an		understandi			
		identify a range of	properties and	geography,		aspect or		ng of			
		ways to report	aesthetic	including:		theme in British		g 0.			

	concerns about	qualities	climate zones,		history that	1	words,	
	content and	qualities	biomes and		extends pupils'		phrases	
		Frankrita			• •		•	
	contact.	Evaluateinvestigate and	vegetation		chronological		and simple	
		_	belts, rivers,		knowledge		writing	
		analyse a range	mountains,		beyond 1066	•	appreciate	
		of existing	volcanoes and		the		stories,	
		products	earthquakes,		achievements		songs,	
		 evaluate their 	and the water		of the earliest		poems and	
		ideas and	cycle		civilizations -		rhymes in	
		products	human		an overview of		the	
		against their	geography,		where and		language	
		own design	including: types		when the first			
		criteria and	of settlement		civilizations	•	broaden	
ļ		consider the	and land use,		appeared and a		their	
		views of others	economic		depth study of		vocabulary	
		to improve their	activity		one of the		and	
		work	including trade		following:		develop	
			links, and the		Ancient Sumer;		their ability	
		 understand how 	distribution of		The Indus		to	
		key events and	natural		Valley; Ancient		understand	
		individuals in	resources		Egypt; The		new words	
		design and	including		Shang Dynasty		that are	
		technology have	energy, food,		of Ancient		introduced	
ļ		helped shape	minerals and		China		into familiar	
ļ		the world	water		Cillia		written	
							material,	
ļ		Technical knowledge	Geographical skills and	•	Ancient Greece		including	
		 apply their 	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	
ļ ļ		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	
ļ ļ		 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	
1		example, gears,	Ordnance Survey		British history -		ideas	

	,			
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,		
	use fieldwork to sheems	including a	places,	
use electrical	use fieldwork to observe,	study of	things and	
systems in their	measure, record and present	Baghdad c. AD	actions	
products [for	the human and physical	900; Mayan	orally* and	
example, series	features in the local area	civilization c.	in writing	
circuits	using a range of methods,	AD 900; Benin	 understand 	
incorporating	including sketch maps, plans	(West Africa) c.	basic	
switches, bulbs,	and graphs, and digital	AD 900-1300.	grammar	
buzzers and	technologies.	712 000 1000.	•	
motors]			appropriate to the	
 apply their 				
apply thon			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	
•			instance, to	
 understand 				
seasonality, and			build	
know where and			sentences;	

how a variety of	and how		
ingredients are	these differ		
grown, reared,	from or are		
caught and	similar to		
processed.	English.		
	The starred (*)		
	content above		
	will not be		
	applicable to		
	ancient		
	languages.		
1		1	