National Curriculum 2014
Planning Document

Statutory Requirements

Year 2

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: ▪ listen and respond appropriat ely 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-	Pupils should be taught to: ▪ continue to apply phonic knowledge and skills as the route to decode words until automatic decoding has become embedded and reading is fluent ▪ read accurately by blending the sounds in words that contain the graphemes taught so far, especially recognising alternative sounds for graphemes	Pupils should be taught to: ▪ develop pleasure in reading, motivation to read, vocabulary and understanding by: ▪ listening to, discussing and expressing views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that at which they can read independently ▪ discussing the sequence of events in books and how items of information are related ▪ becoming increasingly familiar with and retelling a wider range of stories, fairy stories and traditional tales ▪ being introduced to non-fiction	**Spelling (see English Appendix 1)** Pupils should be taught to: ▪ spell by: ▪ segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly ▪ learning new ways of spelling phonemes for which one or more spellings are already known, and learn some words with each spelling, including a few common homophones ▪ learning to spell common exception words ▪ learning to spell more words with contracted forms ▪ learning the	Pupils should be taught to: ▪ form lower-case letters of the correct size relative to one another ▪ start using some of the diagonal and horizontal strokes needed to join letters and understand which letters, when adjacent to one another, are best left unjoined ▪ write capital letters and digits of the correct size, orientation and relationship	Pupils should be taught to: ▪ develop positive attitudes towards and stamina for writing by: ▪ writing narratives about personal experiences and those of others (real and fictional) ▪ writing about real events ▪ writing poetry ▪ writing for different purposes ▪ consider what they are going to write before beginning by: ▪ planning or saying out loud what they are going to write about ▪ writing down ideas and/or key words, including new vocabulary ▪ encapsulating what they want to say, sentence by sentence	Pupils should be taught to: ▪ develop their understanding of the concepts set out in English Appendix 2 by: ▪ learning how to use both familiar and new punctuation correctly (see English Appendix 2), including full stops, capital letters, exclamation marks, question marks, commas for lists and apostrophes for contracted forms and the possessive (singular) ▪ learn how to use: ▪ sentences with different forms: statement, question, exclamation, command ▪ expanded noun phrases to describe and specify [for example, the blue butterfly] ▪ the present and past tenses

structured descriptions, explanations and narratives for different purposes, including for expressing feelings ▪ maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments ▪ use spoken language to develop understanding	▪ read accurately words of two or more syllables that contain the same graphemes as above ▪ read words containing common suffixes ▪ read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word ▪ read most words quickly and accurately, without overt sounding and	books that are structured in different ways ▪ recognising simple recurring literary language in stories and poetry ▪ discussing and clarifying the meanings of words, linking new meanings to known vocabulary ▪ discussing their favourite words and phrases ▪ continuing to build up a repertoire of poems learnt by heart, appreciating these and reciting some, with appropriate intonation to make the meaning clear ▪ understand both the books that they can already read accurately and fluently and those that they listen to by: ▪ drawing on what they already know or on background information and vocabulary	possessive apostrophe (singular) [for example, the girl's book] ▪ distinguishing between homophones and near-homophones ▪ add suffixes to spell longer words, including –ment, –ness, –ful, –less, –ly ▪ apply spelling rules and guidance, as listed in English Appendix 1 ▪ write from memory simple sentences dictated by the teacher that include words using the GPCs, common exception words and punctuation taught so far.	to one another and to lower case letters ▪ use spacing between words that reflects the size of the letters.	▪ make simple additions, revisions and corrections to their own writing by: ▪ evaluating their writing with the teacher and other pupils ▪ re-reading to check that their writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form ▪ proof-reading to check for errors in spelling, grammar and punctuation [for example, ends of sentences punctuated correctly] ▪ read aloud what they have written with appropriate intonation to make the meaning clear.	correctly and consistently including the progressive form ▪ subordination (using when, if, that, or because) and co-ordination (using or, and, or but) ▪ the grammar for year 2 in English Appendix 2 ▪ some features of written Standard English ▪ use and understand the grammatical terminology in English Appendix 2 in discussing their writing.

through speculating, hypothesising, imagining and exploring ideas ▪ speak audibly and fluently with an increasing command of Standard English ▪ participate in discussions, presentations, performances, role play, improvisations and debates ▪ gain, maintain and monitor the interest of the	blending, when they have been frequently encountered ▪ read aloud books closely matched to their improving phonic knowledge, sounding out unfamiliar words accurately, automatically and without undue hesitation ▪ re-read these books to build up their fluency and confidence in word reading.	provided by the teacher ▪ checking that the text makes sense to them as they read and correcting inaccurate reading ▪ making inferences on the basis of what is being said and done ▪ answering and asking questions ▪ predicting what might happen on the basis of what has been read so far ▪ participate in discussion about books, poems and other works that are read to them and those that they can read for themselves, taking turns and listening to what others say ▪ explain and discuss their understanding of books, poems and other material, both those that they listen to and those that they read for themselves.				

listener(s) ▪ consider and evaluate different viewpoints, attending to and building on the contributions of others ▪ select and use appropriat e registers for effective communication.						

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
Pupils should be taught to: ▪ count in steps of 2, 3, and 5 from 0, and in tens from any number, forward	Pupils should be taught to: ▪ solve problems with addition and subtraction: ▪ using concrete objects and pictorial	Pupils should be taught to: ▪ recall and use multiplication and division facts for the 2, 5 and 10 multiplication	Pupils should be taught to: ▪ recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a	Pupils should be taught to: ▪ choose and use appropriate standard units to estimate and measure	Pupils should be taught to: ▪ identify and describe the properties of 2-D shapes, including the number of	Pupils should be taught to: ▪ order and arrange combinations of mathematical objects in	Pupils should be taught to: ▪ interpret and construct simple pictogram

and backward ▪ recognise the place value of each digit in a two-digit number (tens, ones) ▪ identify, represent and estimate numbers using different representations, including the number line ▪ compare and order numbers from 0 up to 100; use <, > and = signs ▪ read and write numbers to at least 100 in numerals and in words ▪ use place value and number facts to solve problems.	representations, including those involving numbers, quantities and measures ▪ applying their increasing knowledge of mental and written methods ▪ recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 ▪ add and subtract numbers using concrete objects, pictorial representations, and mentally, including: ▪ a two-digit number and ones ▪ a two-digit number and tens ▪ two two-digit numbers ▪ adding three one-digit numbers ▪ show that addition of two numbers can be done in any order (commutative) and subtraction of one	tables, including recognising odd and even numbers ▪ calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs ▪ show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot ▪ solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.	length, shape, set of objects or quantity ▪ write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.	length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels ▪ compare and order lengths, mass, volume/capacity and record the results using >, < and = ▪ recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value ▪ find different combinations of coins that equal the same amounts of money ▪ solve simple problems in a practical context involving addition	sides and line symmetry in a vertical line ▪ identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces ▪ identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid] ▪ compare and sort common 2-D and 3-D shapes and everyday objects.	patterns and sequences ▪ use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).	s, tally charts, block diagrams and simple tables ▪ ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity ▪ ask and answer questions about totalling and comparing categorical data.

	number from another cannot ▪ recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.			and subtraction of money of the same unit, including giving change ▪ compare and sequence intervals of time ▪ tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times ▪ know the number of minutes in an hour and the number of hours in a day.			

Science				
Working Scientifically	Living Things and their habitats	Plants	Animals, inc Humans	Use of everyday materials
During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: ▪ asking simple questions and recognising that they can be answered in different ways ▪ observing closely, using simple	Pupils should be taught to: ▪ explore and compare the differences between things that are living, dead, and things that have never been alive ▪ identify that most living things live in habitats to which they are suited and describe how different habitats provide for the	Pupils should be taught to: ▪ observe and describe how seeds and bulbs grow into mature plants ▪ find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	Pupils should be taught to: ▪ notice that animals, including humans, have offspring which grow into adults ▪ find out about and describe the basic needs of animals, including humans, for survival (water, food and air)	Pupils should be taught to: ▪ identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses ▪ find out how the shapes of solid objects made from some

equipment ▪ performing simple tests ▪ identifying and classifying ▪ using their observations and ideas to suggest answers to questions ▪ gathering and recording data to help in answering questions.	basic needs of different kinds of animals and plants, and how they depend on each other ▪ identify and name a variety of plants and animals in their habitats, including micro-habitats ▪ describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.		▪ describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.	materials can be changed by squashing, bending, twisting and stretching.

Non-Core Subjects						
Art & Design	Computing	Design & Technology	Geography	History	Music	PE
Pupils should be taught: ▪ to use a range of materials creatively to design and make products ▪ to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination ▪ to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space ▪ about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Pupils should be taught to: ▪ understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions ▪ create and debug simple programs ▪ use logical reasoning to predict the behaviour of simple programs ▪ use technology purposefully to create, organise, store, manipulate and retrieve digital content ▪ recognise common uses of information technology beyond school ▪ use technology safely and respectfully, keeping personal information private; identify where to go	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 and school, gardens and playgrounds, the local community, industry and the wider environment]. When designing and making, pupils should be taught to: ***Design*** ▪ design purposeful, functional, appealing products for themselves and other users based on design criteria ▪ generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology	Pupils should be taught to: ***Locational knowledge*** ▪ name and locate the world's seven continents and five oceans ▪ name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas ***Place knowledge*** ▪ understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country ***Human and physical geography*** ▪ identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the	Pupils should be taught about: ▪ changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life ▪ events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the first aeroplane flight or events commemorated through festivals or anniversaries] ▪ the lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria,	Pupils should be taught to: ▪ use their voices expressively and creatively by singing songs and speaking chants and rhymes ▪ play tuned and untuned instruments musically ▪ listen with concentration and understanding to a range of high-quality live and recorded music ▪ experiment with, create, select and combine sounds using the inter-related dimensions of music.	Pupils should be taught to: ▪ master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities ▪ participate in team games, developing simple tactics for attacking and defending ▪ perform dances using simple movement patterns.

	for help and support when they have concerns about content or contact on the internet or other online technologies.	***Make*** ▪ select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] ▪ select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics ***Evaluate*** ▪ explore and evaluate a range of existing products ▪ evaluate their ideas and products against design criteria ***Technical knowledge*** ▪ build structures, exploring how they can be made stronger, stiffer and more stable ▪ explore and use mechanisms [for example, levers, sliders, wheels and	world in relation to the Equator and the North and South Poles ▪ use basic geographical vocabulary to refer to: ▪ key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather ▪ key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop ***Geographical skills and fieldwork*** ▪ use world maps, atlases and globes to identify the United Kingdom and its countries, as well as	Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell] ▪ significant historical events, people and places in their own locality.		

		axles], in their products. Cooking & Nutrition Pupils should be taught to: ***Key stage 1*** ▪ use the basic principles of a healthy and varied diet to prepare dishes ▪ understand where food comes from.	the countries, continents and oceans studied at this key stage ▪ use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map ▪ use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key ▪ use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.			