

Ye	Year 6 Reading			
Wo	ord reading	Comprehension continued		
Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), as listed in Appendix 1 of the National Curriculum, both to read aloud and to understand the meaning of new words that they meet.		Understand what they read by:		
Use the combined knowledge of phonemes and word derivations to pronounce words correctly, e.g. arachnophobia.		<ul> <li>understanding and exploring the meaning of words in context</li> <li>asking questions to improve their understanding</li> </ul>		
Attempt the pronunciation of unfamiliar words drawing on prior knowledge of similar looking words.		<ul> <li>drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence</li> </ul>		
Read fluently, using punctuation to inform meaning.		$\circ$ predicting what might happen from details stated and implied		
<u>Comprehension</u> (measured/judged against increasingly challenging material)		<ul> <li>summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas</li> </ul>		
Maintain positive attitudes to reading and understanding of what they read by:		o identifying how language, structure and presentation contribute to meaning		
0	continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks	Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.		
0	reading books that are structured in different ways and reading for a range of purposes	Distinguish between statements of fact and opinion.		
0	increasing their familiarity with a wide range of books, including myths,	Retrieve, record and present information from non-fiction.		
	heritage, and books from other cultures and traditions	Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas		
0	recommending books that they have read to their peers, giving reasons for their choices	and challenging views courteously.		
0	identifying and discussing themes and conventions in and across a wide range of writing o making comparisons within and across books	Explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary.		
0	learning a wider range of poetry by heart	Provide reasoned justifications for their views for increasing ease and		
0	preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience throughout the performance - Shakespeare.	flair.		

KS	KS3 Reading				
Develop an appreciation and love of reading, and read increasingly challenging material independently through:		Read critically through:			
•	Reading a wide range of fiction and non-fiction, in particular whole books, short stories, poems, plays with a wide coverage of genres, historical		Knowing how language, including figurative language, vocabulary choice, grammar, text structure and organisational features, presents meaning		
	periods, forms and authors. The range will include high quality works from:		Recognising a range of poetic conventions and understanding how these have		
	o English Literature, both pre-1914 and contemporary, including prose, poetry and drama				
	o Shakespeare (two plays)		Studying setting, plot, and characterisation and the effects of these		
	o Seminal world literature		Understanding how the work of dramatists is communicated effectively through performance and how alternative staging allows for different interpretations of a play		
•	Choosing and reading books independently for challenge, interest and enjoyment.		Making critical comparisons across texts		
•	Re-reading books encountered earlier to increase familiarity with them and provide a basis for making comparisons.		Studying a range of authors, including at least two authors in depth each year		
Understand increasingly challenging texts through:					
•	Learning new vocabulary, relating it explicitly to known vocabulary and understanding it with the help of context and dictionaries.				
•	Making inferences and referring to evidence in the text				
•	Knowing the purpose, audience for and context of the writing and drawing on this knowledge to support comprehension				
•	Checking their understanding to make sure that what they have read makes sense				

Year 6 Writing					
Spelling	Composition	Vocabulary, grammar and			
Use further prefixes and suffixes and understand		punctuation			
the guidance for adding them.	Plan their writing by:				
		Word			
Spell some words with 'silent' letters [for	o identifying the audience for and purpose of	Recognise the difference between vocabulary			
example, knight, psalm, solemn].	the writing selecting the appropriate form	of informal speech and that appropriate for			
	and using other similar writing as models	formal speech; and use this appropriately.			
Continue to distinguish between homophones	for their own				
and other words which are often confused	o noting and developing initial ideas drawing	Explore how words are related by meaning as			
	on reading and research where necessary	synonyms and antonyms.			
Lice knowledge of merphology and etymology	o in writing paratives, considering how authors				
in spelling and understand that the spelling of	baye developed characters and settings in	<u>Sentence</u>			
some words needs to be learnt specifically as	what pupils have read listened to or seen				
listed in National Curriculum Appendix 1	nerformed	Use passive voice to affect presentation in a			
listed in National Currentian Appendix 1.	penomea	sentence, [e.g. I broke the window in the			
Use dictionaries to check the spelling and	Draft and write by:	greenhouse vs The window in the green house was			
meaning of words	Bran and write by.	broken (by me).			
meaning of words.					
Line the first three or four latters of a word to	understanding how such choices can change	Recognise and use structures typical of informal			
Use the lifst three of four letters of a word to	and enhance meaning	speech and structures appropriate for formal			
distionary	and emilance meaning	speech and writing, [e.g. use of question tags:			
ulcilonary.	o inflatatives, describing settings, characters	He's your friend, isn't he?, or use of subjunctive			
Lloo o thogourup	convey character and advance the	forms such as If I were or Were they].			
Use a mesaulus.	action				
Handuriting	o précising longer passages	Use expanded noun phrases to convey complicated			
nanuwining	o using a wide range of devices to build	information concisely.			
Muite le sible fleesethe and with is supplied as a second beer	cohesion within and across paragraphs				
write legibly, fluently and with increasing speed by:	concision within and across paragraphs	Use the perfect form of verbs to mark relationships			
<ul> <li>choosing which shape of a letter to use when</li> </ul>	o using further organisational and	of time and cause.			
given choices and deciding whether or not to	to quide the reader [for example, headings	<b>_</b> .			
Join specific letters	bullet points underliging]	lext			
choosing the writing implement that is best	builet points, undernining]	Link ideas across paragraphs using a wider range			
suited for a task.	Evaluate and edit by:	of cohesive devices, including repetition of a word			
	Evaluate and cuit by.	or phrase, grammatical connections [e.g.			
	a assessing the effectiveness of their own and	adverbials such as on the other hand, in contrast,			
	others' writing	or as a consequence], and ellipsis.			
	o proposing changes to vessbulary grommer and				
	punctuation to enhance effects and clarify	Use layout devices to structure texts [e.g.			
	meaning	neadings, sub-headings, columns, bullets, or			
	o ensuring the consistent and correct use of	tables].			
	tense throughout a piece of writing	runctuation			
	o ensuring correct subject and verb				

distinguishing between the language of speech and writing and choosing the appropriate register	Use semi-colon, colon and dash to mark the boundary between independent clauses [e.g. <i>It's raining; I'm fed up</i> ].
Proof-read for spelling and punctuation errors.	Use colon to introduce a list and semi-colon within lists.
Perform their own compositions, using appropriate intonation, volume, and movement	Punctuate bullet points correctly.
so that meaning is clear.	Use hyphens to avoid ambiguity [e.g. <i>man eating shark</i> vs <u>man-eating shark]</u> .
	<b>Terminology for pupils</b> Subject, object, active, passive, synonym, passive, synonym, antonym, ellipsis, hyphen, colon, semi-colon, bullet points.

KS3 Writing	
Write accurately, fluently, effectively and at length for pleasure and information	Grammar and vocabulary
through:	
	Consolidate and build on their knowledge of grammar and vocabulary
Writing for a wide range of purposes and audiences, including:	through:
o well-structured formal expository and narrative essays	• extending and applying the grammatical knowledge set out in English
	Appendix 2 to the key stage 1 and 2 programmes of study to analyse
o stories, scripts, poetry and other imaginative writing	more challenging texts.
o notes and polished scripts for talks and presentations	<ul> <li>studying the effectiveness and impact of the grammatical features of</li> </ul>
	the texts they read
o a range of other narrative and non-narrative texts, including arguments, and	
personal and formal letters	<ul> <li>drawing on new vocabulary and grammatical constructions from their</li> </ul>
	reading and listening, and using these consciously in their writing and
Summarising and organising material, and supporting ideas and arguments with any	speech to achieve particular effects knowing and understanding the
necessary factual detail	differences between spoken and written language, including
	differences associated with formal and informal registers, and between
Applying their growing knowledge of vocabulary, grammar and text structure to their	Standard English and other varieties of English
writing and selecting the appropriate form	
	• Using Standard English confidently in their own writing and speech
Drawing on knowledge of literary and rhetorical devices from their reading and listening	
to enhance the impact of their writing	
Dian shaft a dit and an af mad through	
Plan, drait, edit and prooi-read through:	
a considering how their writing reflects the outling on and purposes for which it was	
• considering now their whiling reliects the audiences and purposes for which it was	
amending the vocabulary, grammar and structure of their writing to improve its	
coherence and overall effectiveness	
• paving attention to accurate grammar, punctuation and spelling; applying the spelling	
patterns and rules set out in English Appendix 1 to the key stage 1 and 2 programmes	
of study for English.	

Year 6 Maths		
Number and place value	Fractions, including decimals and percentages	Measurement
Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.	<u>continued</u> Divide proper fractions by whole numbers.	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.
Round any whole number to a required degree of	Associate a fraction with division and calculate decimal	
accuracy.	fraction equivalents for a simple fraction.	Use, read, write and convert between standard units, converting measurements of length, mass, volume
Use negative numbers in context, and calculate intervals across zero.	Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three	and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places.
Solve number and practical problems that involve all of the above.	decimal places.	Convert between miles and kilometres.
	Multiply one-digit numbers with up to two decimal places	
Number – addition, subtraction, multiplication and division	by whole numbers.	Recognise that shapes with the same areas can have different perimeters and vice versa.
Multiply multi-digit numbers up to 4 digits by a two- digit whole number using the formal written method of long multiplication.	Use written division methods in cases where the answer has up to two decimal places.	Recognise when it is possible to use formulae for area and volume of shapes.
Divide numbers up to 4 digits by a two-digit whole	Solve problems which require answers to be rounded to specified degrees of accuracy.	Calculate the area of parallelograms and triangles. Calculate, estimate and compare volume of cubes and
division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.	Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	cuboids using standard units, including cubic centimetres (cm <sup>3</sup> ) and cubic metres (m <sup>3</sup> ), and extending to other units [for example, mm <sup>3</sup> and km <sup>3</sup> ].
Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.	Ratio and proportion Solve problems involving the relative sizes of two quantities where missing values can be found by using	<u>Geometry – properties of shapes</u> Draw 2-D shapes using given dimensions and angles.
Perform mental calculations, including with mixed	integer multiplication and division facts.	Recognise, describe and build simple 3-D snapes, including making nets.
operations and large numbers.	Solve problems involving the calculation of percentages [for example, of measures, and such as	Compare and classify geometric shapes based on
Identify common factors, common multiples and prime numbers.	15% of 360] and the use of percentages for comparison.	their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.
Use their knowledge of the order of operations to carry out calculations involving the four operations.	Solve problems involving similar shapes where the scale factor is known or can be found.	Illustrate and name parts of circles, including radius, diameter and circumference and know that the
Solve addition and subtraction multi-step problems	Solve problems involving unequal sharing and grouping using knowledge of fractions and	diameter is twice the radius.
to use and why.	multiples.	Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing
Solve problems involving addition, subtraction,	Algebra	angles.
multiplication and division.	Use simple formulae.	Geometry – position and direction Describe positions on the full coordinate grid (all four quadrants).

Use estimation to check answers to calculations and determine, in the context of a problem, an	Generate and describe linear number sequences.	Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.
appropriate degree of accuracy.	Express missing number problems algebraically.	Statistics
Fractions, including decimals and percentages Use common factors to simplify fractions; use common multiples to express fractions in the same	Find pairs of numbers that satisfy an equation with two unknowns.	Interpret and construct pie charts and line graphs and use these to solve problems.
denomination. Compare and order fractions, including fractions > 1.	Enumerate possibilities of combinations of two variables.	Calculate and interpret the mean as an average.
Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.		
Multiply simple pairs of proper fractions, writing the answer in its simplest form.		

KS3 Maths		
<u>Number</u> Understand and use place value for decimals, measures and integers of any size	Simplify and manipulate algebraic expressions to maintain equivalence by:	Calculate and solve problems involving: perimeters of 2-D shapes (including circles), areas of circles and composite
Order positive and negative integers, decimals and fractions; use the number line as a model for ordering of the real numbers; use the symbols =, ≠, <, >, ≤, ≥	<ul> <li>collecting like terms</li> <li>multiplying a single term over a bracket</li> <li>taking out common factors</li> </ul>	snapes Draw and measure line segments and angles in geometric figures, including interpreting scale drawings
Use the concepts and vocabulary of prime numbers, factors (or divisors), multiples, common factors, common multiples, highest common factor, lowest common multiple, prime	<ul> <li>expanding products of two or more binomials</li> <li>Understand and use standard mathematical formulae; rearrange formulae to change the subject</li> </ul>	Derive and use the standard ruler and compass constructions (perpendicular bisector of a line segment, constructing a perpendicular to a given line from/at a
factorisation, including using product notation and the unique factorisation property Use the four operations, including formal written	them into algebraic expressions or formulae and by using graphs	the perpendicular distance from a point to a line as the shortest distance to the line
methods, applied to integers, decimals, proper and improper fractions, and mixed numbers, all both positive and negative	Use algebraic methods to solve linear equations in one variable (including all forms that require rearrangement)	Describe, sketch and draw using conventional terms and notations: points, lines, parallel lines, perpendicular lines, right angles, regular polygons, and other polygons that
Use conventional notation for the priority of operations, including brackets, powers, roots and reciprocals	Recognise, sketch and produce graphs of linear and quadratic functions of one variable with appropriate	are reflectively and rotationally symmetric Use the standard conventions for labelling the sides and
Recognise and use relationships between operations including inverse operations	plane Interpret mathematical relationships both	angles of triangle ABC, and know and use the criteria for congruence of triangles
Use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5 and distinguish between exact representations of roots and their decimal approximations	algebraically and graphically Reduce a given linear equation in two variables to the standard form $y = mx + c$ ; calculate and interpret gradients and intercepts of graphs of	Derive and illustrate properties of triangles, quadrilaterals, circles, and other plane figures [for example, equal lengths and angles] using appropriate language and technologies
Interpret and compare numbers in standard form A x 10n 1≤A<10, where n is a positive or negative integer or zero	such linear equations numerically, graphically and algebraically Ise linear and quadratic graphs to estimate values	Identify properties of, and describe the results of, translations, rotations and reflections applied to given
Work interchangeably with terminating decimals and their corresponding fractions (such as 3.5 and or 0.375 and ) 27	of $y$ for given values of $x$ and vice versa and to find approximate solutions of simultaneous linear equations	figures Identify and construct congruent triangles, and construct similar shapes by enlargement, with and without
Define percentage as 'number of parts per hundred', interpret percentages and percentage changes as a fraction or a decimal, interpret these multiplicatively, express one quantity as a percentage of another	Find approximate solutions to contextual problems from given graphs of a variety of functions, including piece-wise linear, exponential and reciprocal graphs	coordinate grids Apply the properties of angles at a point, angles at a point on a straight line, vortically appearies angles
compare two quantities using percentages, and work with percentages greater than 100%	Generate terms of a sequence from either a term-to- term or a position-to-term rule	Understand and use the relationship between parallel
Interpret fractions and percentages as operators	Recognise arithmetic sequences and find the <i>n</i> th	lines and alternate and corresponding angles
Use standard units of mass, length, time, money and other measures, including with decimal quantities	Recognise geometric sequences and appreciate other sequences that arise.	Derive and use the sum of angles in a triangle and use it to deduce the angle sum in any polygon, and to derive properties of regular polygons

Development and measures (a second se		
Kound numbers and measures to an appropriate	Ratio, proportion and rates of change	
degree of accuracy [for example, to a number of	Change freely between related standard units	Apply angle facts, triangle congruence, similarity and
decimal places of significant figures]	[for example time, length, area,	properties of quadrilaterals to derive results about angles
Use approximation through rounding to estimate	volume/capacity, mass]	and sides, including Pythagoras' Theorem, and use
answers and calculate possible resulting errors expressed using inequality notation a <x≤b< td=""><td>Use scale factors, scale diagrams and maps</td><td>known results to obtain simple proofs</td></x≤b<>	Use scale factors, scale diagrams and maps	known results to obtain simple proofs
	Express one quantity as a fraction of another,	Use Pythagoras' Theorem and trigonometric ratios in
Use a calculator and other technologies to	where the fraction is less than 1 and greater than	similar triangles to solve problems involving right-angled
calculate results accurately and then interpret	1	triangles
them appropriately	Use ratio notation including reduction to simplest	thangiot
Appreciate the infinite nature of the sets of integers	ose ratio notation, including reduction to simplest	Lise the properties of faces surfaces edges and vertices
real and rational numbers	torm	of subse subside prisms sulinders pyramide sense and
real and rational numbers.	divide a given quantity into two parts in a given	of cubes, cuboids, prisms, cylinders, pyramids, cones and
Algebra	part:part or part:whole ratio; express the division of	spheres to solve problems in 3-D
Lise and interpret algebraic notation including:	a quantity into two parts as a ratio	
	Inderstand that a multiplicative relationship	Interpret mathematical relationships both algebraically
$\Box$ ab in place of $a \times b$	between two quantities can be expressed as a	and geometrically.
$\Box$ 3y in place of $y + y + y$ and $3 \times y$	ratio or a fraction	
$\Box$ a2 in place of $a \times a$ , a3 in place of $a \times a \times a$ ; a2b		Probability
in place of $a \times a \times b$	Relate the language of ratios and the associated	
in place of $a \div b$ ba	calculations to the arithmetic of fractions and to	Record, describe and analyse the frequency of outcomes
coefficients written as fractions rather than as	linear functions	of simple probability experiments involving randomness.
		fairness equally and unequally likely outcomes using
	Solve problems involving percentage change,	appropriate language and the 0-1 probability scale
Brackets	Including: percentage increase, decrease and	appropriate language and the 0-1 probability scale
	financial mathematica	Inderstand that the probabilities of all passible outcomes
	Infancial mathematics	
Substitute numerical values into formulae and	Solve problems involving direct and inverse	Sum to T
expressions, including scientific formulae	proportion, including graphical and algebraic	
	representations	Enumerate sets and unions/intersections of sets
Understand and use the concepts and		systematically, using tables, grids and venn diagrams
vocabulary of expressions, equations,	Use compound units such as speed, unit pricing and	
inequalities, terms and factors	density to solve problems.	Generate theoretical sample spaces for single and
		combined events with equally likely, mutually exclusive
		outcomes and use these to calculate theoretical
	Geometry and measures	probabilities.
	Derive and apply formulae to coloulate and colve	
	problems involving: perimeter and area of triangles	Statistics
	problems involving, perimeter and area of indigles,	
	cubes) and other prisms (including cylinders)	Describe, interpret and compare observed distributions of
		a single variable through: appropriate graphical
		representation involving discrete, continuous and drouped
		data: and appropriate measures of central tendency
		(mean mode median) and sproad (range consideration
		(mean, moue, median) and spread (range, consideration
		or outliers)
		Construct and interpret appropriate tables, charts, and
		diagrams, including frequency tables, bar charts, pie
		charts, and pictograms for categorical data, and vertical

	line (or bar) charts for ungrouped and grouped numerical data
	Describe simple mathematical relationships between two variables (bivariate data) in observational and experimental contexts and illustrate using scatter graphs