New Primary Curriculum: Reading, Writing and Mathematics – Year 5

Reading Targets - A Year 5 Reader

Word Reading

Can apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words.

Can read further exception words, noting the unusual correspondences between spelling and sound.

Attempts pronunciation of unfamiliar words drawing on prior knowledge of similar looking words.

Can re-read and read ahead to check for meaning.

Comprehension

Is familiar with, and can talk about, a wide range of books and text types, including myths, legends and traditional stories and books from other cultures and traditions. I can discuss the features of each.

Can read non-fiction texts and identify the purpose, structure and grammatical features, evaluating how effective they are.

Can identify significant ideas, events and characters; and discuss their significance.

Can recite poems by heart, e.g. narrative verse, haiku.

Can prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone, volume and action.

Can justify inferences with evidence from the text.
Can make predictions from what has been read.

Can use meaning-seeking strategies to explore the meaning of words in context.

Can use meaning-seeking strategies to explore the meaning of idiomatic and figurative language.
Can identify and comment on a writer's use of language for effect. for example, precisely chosen adjectives, similes and personification.
Can identify grammatical features used by the writer (rhetorical questions, varied sentence lengths, varied sentence starters) to impact on the reader.
Can draw inferences such as inferring characters' feelings, thoughts and motives from their actions.

Can summarise the main ideas drawn from a text.

Can identify the effect of the context on a text; for example, historical context or other cultures.

Can identify how language, structure and presentation contribute to the meaning of a text.

Can express a personal point of view about a text, giving reasons.

Reading Targets continued - A Year 5 Reader

Can make connections between other similar texts, prior knowledge and experience.
Can compare different versions of texts and talk about their differences and similarities.

Can listen to and build on others' ideas and opinions about a text.

Can present an oral overview or summary of a text.

Can present the author's viewpoint of a text.

Can present a personal point of view based on what has been read.

Can listen to others' personal point of view.

Can explain a personal point of view and give reasons.

Knows the difference between fact and opinion.

Can use knowledge of structure of text type to find key information.

Can use text marking to identify key information in a text.

Can make notes from text marking.

Writing Targets - A Year 5 Writer

Spelling

Can form verbs with prefixes.

Can convert nouns or adjectives into verbs by adding a suffix.

Understands the rules for adding prefixes and suffixes.

Can spell words with silent letters.

Can distinguish between homophones and other words which are often confused.

Can spell words from the Y5/6 word list.

Can use the first 3 or 4 letters of a word to check spelling, meaning or both in a dictionary.

Can use a thesaurus.

Can use a range of spelling strategies.

Handwriting

Can choose the handwriting that is best suited for a specific task.

Composition

Can discuss the audience and purpose of the writing.

Can start sentences in different ways.

Can use the correct features and sentence structure matched to text type.

Can develop characters through action and dialogue.

Can establish a viewpoint as the writer through commenting on characters and events.

Can use grammar and vocabulary to create an impact on the reader.

Can use stylistic devices to create effects in writing.

Can add well-chosen detail to interest the reader.

Can summarise a paragraph.

Can organise writing into paragraphs to show different information or events.

Vocabulary, Grammar and Punctuation

Sentence structure

Can use relative clauses.

Can use adverbs or modal verbs to indicate a degree of possibility.

Text structure

Can build cohesion between paragraphs.

Can use adverbials to link paragraphs.

Punctuation

Can use brackets, dashes and commas to indicate parenthesis.

Can use commas to clarify meaning or avoid ambiguity

MATHEMATICS TARGETS - A YEAR 5 MATHEMATICIAN

Number, place value, approximation and estimation/rounding

Can count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

Can read, write, order and compare numbers to at least 1,000,000.

Can determine the value of each digit in numbers up to 1,000,000.

Can read Roman numerals to 1,000 (M) and recognise years written in Roman numerals.

Can round any number up to 1,000,000 to the nearest 10, 100, 1000, 10000 and 100000.

Can interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

Can solve number problems and practical problems with the above.

Calculations

Can add and subtract numbers mentally with increasingly large numbers.

Can add and subtract whole numbers with more than 4 digits, including using formal written methods.

Can use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.

Can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Can identify multiples and factors, including finding all factor pairs or a number and common factor pairs of two numbers.

Uses the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.

Can establish whether a number up to 100 is prime and recall prime numbers up to 19.

Recognises and uses square numbers and cube numbers, and the notation for squared and cubed.

Can multiply and divide numbers mentally drawing on known facts.

Can multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

Can multiply numbers up to 4 digits by a 1-digit or 2-digit number using a formal written method, including long multiplication for 2-digit numbers.

Can divide numbers up to 4 digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Can solve problems involving multiplication and division including using knowledge of factors and multiples, squares and cubes.

Can solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.

Can solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates.

MATHEMATICS TARGETS continued- A YEAR 5 MATHEMATICIAN

Fractions, decimals and percentages

Can recognise mixed numbers and improper fractions and convert from one form to the other.

Can write mathematical statements >1 as a mixed number.

Can identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

Can compare and order fractions whose denominators are multiples of the same number.

Can add and subtract fractions with the same denominator and denominators that are multiples of the same number.

Can multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Can read and write decimal numbers as fractions.

Recognises and uses thousandths and relates them to tenths, hundredths and decimal equivalents.

Can round decimals with 2 decimal places to the nearest whole number and 1 decimal place.

Can read, write, order and compare numbers with up to 3 decimal places.

Can solve problems involving numbers up to 3 decimal places.

Recognises the percent symbol and understands that percent relates to 'number parts per hundred'.

Can write percentages as a fraction with denominator hundred, and as a decimal.

Can solve problems which require knowing percentage and decimal equivalents of1/2,1/4, 1/5, 2/5, 4/5 and those fractions with a denominator or a multiple of 10 or 25.

Measurement

Can solve problems involving converting between units of time.

Can convert between different units of metric measure.

Understands and use approximate equivalences between metric units and common imperial units, such as inches, pounds and pints.

Can measure and calculate the perimeter of composite rectilinear shapes in cm and m.

Can calculate and compare the area of rectangles (incl. squares), and including using standard units (cm^2 and cm^3) to estimate the area of irregular shapes.

Can estimate volume and capacity.

Can use all four operations to solve problems involving money using decimal notation, including scaling.