

Maths KPI's

Number and Place Value

Round decimals with one decimal place to the nearest whole number. DEPTH: Use rounding to estimate and check the answers to problems.

Compare numbers with same number of decimal places up to two decimal places. DEPTH: Order and compare a mix of numbers with 1 or two decimal places and explain their relative size

Count in multiples of 6, 9, 25 and 1000. DEPTH: Count forwards and backwards starting from any multiple
Find a number in a sequence (eg. 25s – what would be the 19th number in the sequence?)

Order and compare numbers past 1000. DEPTH: Insert missing numbers so that digits are ordered. DEPTH: Insert digits in missing number calculations to make them correct. Choose the appropriate calculation strategy for a given problem.

Round any number to the nearest 10, 100 or 1000. DEPTH: Find different numbers that fit given rounding criteria

Addition and Subtraction

Add and subtract numbers with up to 4 digits using formal written columnar addition and subtraction where appropriate. DEPTH: Insert digits in missing number calculations to make them correct. Choose the appropriate calculation strategy for a given problem.

Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why. DEPTH: Create their own problems using given values or calculations

Multiplication and Division

Find the effect of dividing a one or two-digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths. DEPTH: Solve missing number problems including using the inverse

Recall multiplication and division facts for multiplication tables up to 12 x 12. DEPTH: Find calculations with same answers

Make links between multiplication tables. Notice patterns in multiplication patterns.

Multiply two digit and three digit numbers by a one digit number using formal written layout. DEPTH: Insert digits in missing number calculations to make them correct. Identify and explain errors in calculations

Solve problems involving multiplying and adding, including using the distributive law. DEPTH: Solve 'I am thinking of a number...' problems that involve understanding of the inverse calculation for multiplication and division

Fractions

Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and by tenths by ten. DEPTH: Calculate and solve problems involving tenths.

Solve problems involving increasingly harder fractions to calculate quantities and fractions to divide quantities, including no unit fractions where the answer is a whole number. DEPTH: Complete greater/ less than statements e.g. $\frac{2}{5}$ of 5 ___ $\frac{1}{4}$ of 4

Find original quantities e.g. If $\frac{2}{7}$ is 20, what is the whole?

Recognise and show, using diagrams, families of common equivalent fractions. DEPTH: List equivalent fractions to a given fraction, then another, then another

Recognise and write decimal equivalents of any number of tenths or hundredths. DEPTH: Find missing fractions/ equivalents.
Explain misconceptions.

Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. DEPTH: Order a mix of decimals and fractions e.g. order from smallest to largest $\frac{1}{2}$, 0.1, $\frac{3}{4}$, 0.8, $\frac{1}{4}$

Measure

Convert between different units of measure (k m to m, hour to minute; pounds to pence). DEPTH: Solve mixed unit problems (eg. 1.5km + 600m + 1900cm)

Geometry

Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. DEPTH: Answer agree/disagree statements using evidence. Match shapes to properties.

Reading KPI's

Word Reading

Read further exception words, noting the unusual correspondences between spellings and sound and where these occur in the words. DEPTH: can read fluently with minimal errors.

Comprehension

Identify themes and conventions in a range of books. DEPTH: from wider reading, link themes and conventions across a range of texts.
Recognise some different forms of poetry. DEPTH: Compare a range of poetry forms.
Predict what might happen from details stated or implied. DEPTH: justify plausible predictions based on evidence from the text.
Draw inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying inferences with evidence. DEPTH: Can link and compare evidence throughout a text to develop understanding of characters.
Identify main ideas drawn from more than one paragraph and summarise these. DEPTH: Demonstrated by selecting all important and relevant details throughout the whole text.
Identify how language structure contributes to meaning. DEPTH: Explain the effect of some forms of figurative language on the reader
Use organisational devices, and skimming and scanning skills to support efficient retrieval of information in non-fiction texts. DEPTH: Explain how organizational devices enable efficient retrieval of information.

Writing KPI's

Vocabulary, grammar and punctuation.

Punctuate direct speech accurately (including punctuation within and surrounding inverted commas). DEPTH: Uses a variety of reporting clauses to add detail and interest.
In narrative, used direct speech to convey character. DEPTH: In narrative can combine speech and actions to convey character.
Use fronted adverbials to show where, when and how with comma mostly accurate. DEPTH: Varies the adverbials e.g., with care instead of carefully with accurate use of punctuation.
Use possessive apostrophe mostly accurately with plural nouns. DEPTH: Always uses possessive apostrophe for both singular and plural pronouns correctly.
Chooses an appropriate pronoun or noun within or across sentences to aid cohesion and avoid repetition. DEPTH: Choose appropriate pronoun or noun to add impact to writing.

Composition

In narratives creates settings, characters and plot. Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases. DEPTH: Maintaining the viewpoint of the character
Uses rich and varied vocabulary including use of figurative language and devices. DEPTH: Uses language and vocabulary choices with control to create impact and viewpoint.
Composing sentences progressively increasing range of sentences structures: simple, compound, complex. DEPTH: Sentence structures are chosen for effect.
Extend the range of sentences with more than one clause by using a wider range of conjunctions including e.g. when, if, because, although, which. DEPTH: Varies the position of the subordinate clause for effect and variety.
Paragraphs organised around a theme, in most writing. DEPTH: Use fronted adverbials to develop cohesion between paragraphs.
Independently, proof reads for punctuation errors (CL . ? ! "" , in a list ' for contractions, punctuation for direct speech). DEPTH: To edit and change punctuation for effect and variety.
Independently, proof reads for spelling errors including non-negotiable and high frequency words. DEPTH: Edit and changes vocabulary for effect and variety.

Transcription

Spells most of the words from the Year 3/ 4 spelling list accurately. DEPTH: Spells some of the words from the Year 5/6 spelling list accurately.
Apply knowledge of spelling rules and patterns taught in Year 4. DEPTH: Beginning to apply Year 5 spelling rules.

Handwriting

Most handwriting is legible and joined. DEPTH: Producing legible joined handwriting
