



Year 4 - Maths

Number – number & place value

4.NPV1 count backwards through 0 to include negative number					
Not Met	Shallow	Emerging	Developing	Deepening	Functional
4.NPV2 recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s					
Not Met	Shallow	Emerging	Developing	Deepening	Functional
4.NPV3 order and compare numbers beyond 1,000					
Not Met	Shallow	Emerging	Developing	Deepening	Functional
4.NPV4 identify, represent and estimate numbers using different representations					
Not Met	Shallow	Emerging	Developing	Deepening	Functional
4.NPV5 round any number to the nearest 10, 100 or 1,000					
Not Met	Shallow	Emerging	Developing	Deepening	Functional
4.NPV6 solve number and practical problems that involve all of the above and with increasingly large positive numbers					
Not Met	Shallow	Emerging	Developing	Deepening	Functional
4.NPV7 read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value					
Not Met	Shallow	Emerging	Developing	Deepening	Functional



Year 4 - Maths

Number – addition & subtraction

4.NAS1 add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NAS2 estimate and use inverse operations to check answers to a calculation

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NAS3 solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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Year 4 - Maths

Number - multiplication & division

4.NMD1 recall multiplication and division facts for multiplication tables up to 12×12

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NMD2 use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 number

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NMD3 recognise and use factor pairs and commutativity in mental calculations

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NMD4 multiply two-digit and three-digit numbers by a one-digit number using formal written layout

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4.NMD5 solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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Year 4 - Maths

Number - Fractions

4.NF1 recognise and show, using diagrams, families of common equivalent fractions

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NF2 count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10

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4.NF3 solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

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4.NF4 add and subtract fractions with the same denominator

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4.NF5 recognise and write decimal equivalents of any number of tenths or hundreds

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4.NF6 recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$

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4.NF7 find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.NF8 round decimals with 1 decimal place to the nearest whole number

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4.NF9 compare numbers with the same number of decimal places up to 2 decimal places

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4.NF10 solve simple measure and money problems involving fractions and decimals to 2 decimal places

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Year 4 - Maths

Measurement

4.M1 convert between different units of measure [for example, kilometre to metre; hour to minute]

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.M2 measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

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4.M3 find the area of rectilinear shapes by counting squares

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4.M4 estimate, compare and calculate different measures, including money in pounds and pence

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4.M5 read, write and convert time between analogue and digital 12- and 24-hour clocks

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.M6 solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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Year 4 - Maths

Geometry - Properties of Shape

4.GPS1 compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes

Not Met	Shallow	Emerging	Developing	Deepening	Functional
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4.GPS2 identify acute and obtuse angles and compare and order angles up to 2 right angles by size

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4.GPS3 identify lines of symmetry in 2-D shapes presented in different orientations

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4.GPS4 complete a simple symmetric figure with respect to a specific line of symmetry

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Year 4 - Maths

Geometry - Position and Direction

4.GPD1 describe positions on a 2-D grid as coordinates in the first quadrant

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4.GPD2 describe movements between positions as translations of a given unit to the left/right and up/down

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4.GPD3 plot specified points and draw sides to complete a given polygon

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Year 4 - Maths

Statistics

4.S1 interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

Not Met

Shallow

Emerging

Developing

Deepening

Functional

4.S2 solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs

Not Met

Shallow

Emerging

Developing

Deepening

Functional