



Year 4 Maths Long Term Overview

	1	2	3	4	5	6	7
HT1	Number: Place Value	Number: Place Value	Number: Place Value	Number: Place Value	Addition and Subtraction	Addition and Subtraction	Addition and Subtraction
HT2	Measurement: Length and Perimeter	Multiplication and Division	Multiplication and Division	Multiplication and Division	Multiplication and Division	Consolidation Week/Assessment Week	Christmas activities
HT3	Multiplication and Division	Multiplication and Division	Measurement: Area	Fractions	Fractions	Fractions	Fractions
HT4	Decimals	Decimals	Decimals	Decimals	Consolidation Week/Assessment Week	-----	-----
HT5	Decimals	Measurement: Money	Measurement: Money	Time	Time	Statistics	-----
HT6	Statistics	Geometry: Properties of Shape	Geometry: Properties of Shape	Geometry: Position and Direction	Geometry: Position and Direction	Consolidation Week/Assessment Week	Summer activities



Year 4 Maths Medium Term Plan HT1

Week	Topic	Objectives to cover	Mental Maths/Recap
1.1	Number – Place Value	• Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s) • Find 1,000 more or less than a given number • Order and compare numbers beyond 1,000	
1.2	Number – Place Value	• Order and compare numbers beyond 1,000 • Count in multiples of 6, 7, 9, 25 and 1,000	
1.3	Number – Place Value	• Round any number to the nearest 10, 100 or 1,000	
1.4	Number – Place Value	• Identify, represent and estimate numbers using different representations • Solve number and practical problems that involve all of the above and with increasingly large positive numbers • Count backwards through 0 to include negative numbers • 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 (as lesson in History)	
1.5	Number – Addition and Subtraction	• Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	
1.6	Number – Addition and Subtraction	• Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate • Estimate and use inverse operations to check answers to a calculation	
1.7	Number – Addition and Subtraction	• Estimate and use inverse operations to check answers to a calculation • Solve addition and subtraction two-step problems in contexts,	



deciding which operations and methods to use and why

Year 4 Maths Medium Term Plan HT2

Week	Topic	Objectives to cover	Mental Maths/Recap
2.1	Measurement – Length and Perimeter	- Convert between different units of measure [for example, kilometre to metre; hour to minute] - Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	
2.2	Number – Multiplication and Division	- Recall multiplication and division facts for multiplication tables up to 12×12 - Recognise and use factor pairs and commutativity in mental calculations	
2.3	Number – Multiplication and Division	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers	
2.4	Number – Multiplication and Division	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	
2.5	Number – Multiplication and Division	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	
2.6	Consolidation Week/Assessment Week	- Assessments - Consolidation lessons on anything needing covered again	
2.7	Christmas Maths Activities	Activities covering what children have previously been learning	



Year 4 Maths Medium Term Plan HT3

Week	Topic	Objectives to cover	Mental Maths/Recap
3.1	Number – Multiplication and Division	- Recall multiplication and division facts for multiplication tables up to 12×12 - 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 (Focus on learning division facts)	
3.2	Number – Multiplication and Division	Bus stop method	
3.3	Measurement - Area	Find the area of rectilinear shapes by counting squares (Recap perimeter if necessary)	
3.4	Fractions	Recognise and show, using diagrams, families of common equivalent fractions	
3.5	Fractions	- Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10 - Add and subtract fractions with the same denominator	
3.6	Fractions	- Add and subtract fractions with the same denominator - 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	
3.7	Fractions	- Recognise and show, using diagrams, families of common equivalent fractions - 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	



Year 4 Maths Medium Term Plan HT4

Week	Topic	Objectives to cover	Mental Maths/Recap
4.1	Decimals	- Recognise and write decimal equivalents of any number of tenths or hundreds - Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ (break down into individual decimal equivalents)	
4.2	Decimals	- Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ (break down into individual decimal equivalents) - 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	
4.3	Decimals	- Round decimals with 1 decimal place to the nearest whole number - Compare numbers with the same number of decimal places up to 2 decimal places	
4.4	Decimals	Convert between different units of measure [for example, kilometre to metre] – decimal focus	
4.5	Consolidation Week/Assessment Week	- Assessments - Consolidation lessons on anything needing covered again	



Year 4 Maths Medium Term Plan HT5

Week	Topic	Objectives to cover	Mental Maths/Recap
5.1	Decimals	Solve simple measure and money problems involving fractions and decimals to 2 decimal places	
5.2	Measurement - Money	Estimate, compare and calculate different measures, including money in pounds and pence	
5.3	Measurement - Money	Estimate, compare and calculate different measures, including money in pounds and pence	
5.4	Time	Read, write and convert time between analogue and digital 12- and 24-hour clocks	
5.5	Time	- Convert between different units of measure [for example, kilometre to metre; hour to minute] - Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days	
5.6	Statistics	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	



Year 4 Maths Medium Term Plan HT6

Week	Topic	Objectives to cover	Mental Maths/Recap
6.1	Statistics	- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs - Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	
6.2	Geometry – Properties of Shape	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and size	
6.3	Geometry – Properties of Shape	- Identify acute and obtuse angles and compare and order angles up to 2 right angles by size - Identify lines of symmetry in 2-D shapes presented in different orientations	
6.4	Geometry – Properties of Shape/Position and Direction	- Complete a simple symmetric figure with respect to a specific line of symmetry - Describe positions on a 2-D grid as coordinates in the first quadrant	
6.5	Geometry – Position and Direction	- Plot specified points and draw sides to complete a given polygon - Describe movements between positions as translations of a given unit to the left/right and up/down	
6.6	Consolidation Week/Assessment Week	- Assessments - Consolidation lessons on anything needing covered again	
6.7	Summer Activities	Activities covering what children have previously been learning	



Mental Maths Targets Year 4

Properties of Number:

- Use $<$ $>$ $=$ to compare numbers up 2dp
- Know factor pairs for known times tables
- Round decimals with 1dp to the nearest whole number
- Round to the nearest 10, 100, 1000
- Know place value of digits in numbers to 1000

Counting

- Count in halves forwards and backwards from any number
- Count in tenths forwards and backwards from any number
- Count in 25s forwards and backwards from any number
- Count backwards through 0 into negative numbers

Number bonds

- Know what to add to any 3 digit number to make the next 100
- Know pairs of 1dp numbers that add to 1
- Know number pairs to 1000. Eg $400+600$
- Know pairs of numbers that add to 100

Calculation

- Add and subtract near 100s
- Add and subtract near 10s
- Multiply and divide by 100
- Multiply and divide by 10

Doubles and Halves

- Know doubles and halves of multiples of 100
- Know doubles and halves of multiples of 10
- Know halves of numbers, 2 to 100
- Know doubles of numbers to 100

Times Tables

- Know the 12 times table and division facts
- Know the 11 times table and division facts
- Know the 7 times table and division facts
- Know the 9 times table and division facts
- Know the 6 times table and division facts

Fractions

- Know fraction and decimal equivalences for $\frac{1}{2}$ s
 $\frac{1}{4}$ s $\frac{1}{10}$ s $\frac{1}{100}$ s
- Know pairs of fractions that total 1