



Y2 Maths Long Term Plan

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
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| Autumn (T1 and T2) | Number: Place Value | | | | Number: Addition and Subtraction | | | Number: Multiplication and Division Explore fractions of number throughout division | | | Measures: Money | Measures: Mass |
| Spring (T3 and Y4) | Place value Addition and subtraction | Measures: Money | Geometry: Properties of Shape | | | | Measures: Time | Measures: Length | Measures: Temperature and Graphs | Number: Fractions 1 week of shape 1 week of number | | |
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| Summer (T5 and T6) | Place value | Measures: Time | SATs | | | Measures: Capacity and Volume | <i>Assessment Week: Optional SATs</i> | Themed Maths Week | Sorting <i>e.g. Venn and Carroll</i> | 4 operations word problems | | |



Term by Term Objectives

Year 2

Term 1 and Term 2

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
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| Number: Place Value 2.1.a.1 (KPI) Count in tens from any number, forward and backward 2.1.a.2 Identify ten more or ten less than any given number 2.1.a.3 (KPI) Count in steps of 2, 3, and 5 from 0, forward and backward 2.1.b.1 Recognise the place value of each digit in a two-digit number (tens, ones) 2.1.b.2 Read and write numbers to at least 100 in numerals and words 2.1.b.3 Identify, represent and estimate numbers to 100 using different representations, including the number line, and partitioning in different ways 2.1.c.1 (KPI) Compare and order numbers from 0 up to 100; use <, > and = signs 2.1.d.1 (KPI) Solve number problems with number facts and place value from the Year 2 curriculum | | | | Number: Addition and Subtraction 2.2.a.1 Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot 2.2.a.2 Understand that sum and difference indicate addition and subtraction respectively 2.2.b.1 Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers and adding three one-digit numbers 2.2.b.2 (KPI) Use addition and subtraction facts to 20 and derive related facts up to 100 2.2.c.1 (KPI) Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods 2.2.c.2 Use the inverse relationship between addition and subtraction to solve missing number problems 2.2.d.1 (KPI) Recall addition and subtraction facts to 20 fluently, deriving related facts to 100 2.2.e.1 Record addition and subtraction in columns using an expanded format involving partitioning 2.2.f.1 Check subtraction calculations using addition calculations by adding in a different order | | | Number: Multiplication and Division Explore fractions of number throughout division 2.2.a.3 Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot 2.2.a.4 Use a variety of language to describe multiplication and division 2.2.b.3 (KPI) Calculate mentally using multiplication and division facts for the 2, 5 and 10 multiplication tables 2.2.c.3 (KPI) Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts 2.2.d.2 Recall multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers 2.2.e.2 Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs Fractions 2.3.a.1 (KPI) Recognise, find, name and write fractions $\frac{1}{3}$ and $\frac{1}{4}$ of a length, shape, set of objects or quantity | | | Measurement: Money 2.1.3 Recognise and use symbols for pounds (£) and pence (p) 2.3.2 Combine amounts of money to make a particular value including different combinations of coins that equal the same amount of money | Measurement: Mass 2.1.4 Compare and order measurements of mass and record the results using >, < and = as well as simple multiples 2.2.3 Choose and use appropriate standard units to estimate and measure mass (kg/g) to the nearest appropriate unit, using scales 2.3.4 Solve problems involving comparing measures of mass |



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| | | 2.3.a.2 (KPI) Recognise, find, name and write fractions $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity | | |
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Term by Term Objectives

Year 2

Term 3 and Term 4

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
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| Number: Place Value 2.1.a.1 (KPI) Count in tens from any number, forward and backward 2.1.a.2 Identify ten more or ten less than any given number 2.1.a.3 (KPI) Count in steps of 2, 3, and 5 from 0, forward and backward 2.1.b.1 Recognise the place value of each digit in a two-digit number (tens, ones) 2.1.b.2 Read and write numbers to at least 100 in numerals and words 2.1.b.3 Identify, represent and estimate numbers to 100 using different representations, including the number line, and partitioning in different ways 2.1.c.1 (KPI) Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs 2.1.d.1 (KPI) Solve number problems with number facts | | Measurement: Money 2.1.3 Recognise and use symbols for pounds (£) and pence (p) 2.3.2 Combine amounts of money to make a particular value including different combinations of coins that equal the same amount of money 2.3.3 (KPI) Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change | | Geometry: Properties of Shape 2.1.1 Draw lines and shapes using a straight edge 2.1.2 Identify 2-D shapes on the surface of 3-D shapes, for example, a circle on a cylinder and a triangle on a pyramid 2.2.1 Identify 2-D shapes on the surface of 3-D shapes, for example, a circle on a cylinder and a triangle on a pyramid 2.2.2 Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line 2.2.3 Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces 2.4.1 Use mathematical vocabulary to describe position 2.4.2 Order and arrange combinations of mathematical objects in patterns and sequences 2.4.3 (KPI) Use mathematical vocabulary to describe movement, including movement in a straight line | | | Measurement: Time 2.1.2 Know the number of minutes in an hour and the number of hours in a day 2.2.1 Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times 2.2.2 Record the time on an analogue clock in words | Measurement: Length 2.1.4 Compare and order measurements of length and record the results using $>$, $<$ and $=$ as well as simple multiples 2.2.3 Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers 2.3.4 Solve problems involving | Measurement: Temperature and Graphs 2.2.3 Choose and use appropriate standard units to estimate and measure temperature ($^{\circ}\text{C}$) using thermometers 2.1.1 Interpret data from simple pictograms, tally charts, block diagrams and simple tables 2.1.2 (KPI) Present data in simple tables, simple pictograms, tally charts and block diagrams 2.3.1 (KPI) Ask and answer questions about totalling and comparing categorical data | Number: Fractions 1 week of shape 1 week of number 2.3.a.1 (KPI) Recognise, find, name and write fractions $\frac{1}{3}$ and $\frac{1}{4}$ of a length, shape, set of objects or quantity 2.3.a.2 (KPI) Recognise, find, name and write fractions $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity 2.3.b.1 Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ 2.3.c.1 Write simple fractions | |



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| and place value from the Year 2 curriculum | | | | comparing measures of length | 2.3.2 Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity | |
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Term by Term Objectives

Year 2

Term 5 and Term 6

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
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| <p>Number: Place Value</p> <p>2.1.a.1 (KPI) Count in tens from any number, forward and backward</p> <p>2.1.a.2 Identify ten more or ten less than any given number</p> <p>2.1.a.3 (KPI) Count in steps of 2, 3, and 5 from 0, forward and backward</p> <p>2.1.b.1 Recognise the place value of each digit in a two-digit number (tens, ones)</p> <p>2.1.b.2 Read and write numbers to at least 100 in numerals and words</p> <p>2.1.b.3 Identify, represent and estimate numbers to 100 using different representations, including the number line, and partitioning in different ways</p> | <p>Measurement: Time</p> <p>2.1.1 Compare and sequence intervals of time</p> <p>2.1.2 Know the number of minutes in an hour and the number of hours in a day</p> <p>2.2.1 Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times</p> <p>2.2.2 Record the time on an analogue clock in words</p> <p>2.3.1 Calculate time intervals and develop a sense of the length of different units of time</p> | <p>SATs</p> | | | | <p>Measurement: Capacity and Volume</p> <p>2.1.4 Compare and order measurements of capacity and record the results using $>$, $<$ and $=$ as well as simple multiples</p> <p>2.2.3 Choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit, using</p> | <p>Assessment Week: Optional SATs</p> | <p>Themed Maths Week</p> | <p>Sorting: Venn and Carroll</p> <p>2.1.1 Interpret data from simple pictograms, tally charts, block diagrams and simple tables</p> <p>2.1.2 (KPI) Present data in simple tables, simple pictograms, tally charts and block diagrams</p> | <p>Four operations word problems</p> <p>2.2.c.1 (KPI) Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods</p> <p>2.2.c.3 (KPI) Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</p> | |



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| <p>2.1.c.1 (KPI) Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs 2.1.d.1 (KPI) Solve number problems with number facts and place value from the Year 2 curriculum</p> | | | <p>measuring vessels 2.3.4 Solve problems involving comparing measures of capacity/volume</p> | | | | |
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