



Year 2 Maths Long Term Overview

	1	2	3	4	5	6	7
HT1	Number: Place Value	Number: Place Value	Number: Place Value	Addition and Subtraction	Addition and Subtraction	Addition and Subtraction	Addition and Subtraction
HT2	Addition and Subtraction	Measurement: Money	Measurement: Money	Multiplication and Division	Multiplication and Division	Multiplication and Division /Assessment Week	Christmas activities
HT3	Multiplication and Division	Multiplication and Division	Statistics	Statistics	Geometry: Properties of Shape	Geometry: Properties of Shape	Geometry: Properties of Shape
HT4	Fractions	Fractions	Fractions	Measurement: Length and Height	Measurement: Length and Height	-----	-----
HT5	Geometry: Position and Direction	Geometry: Position and Direction	Problem Solving	Problem Solving	Problem Solving	Measurement: Time	-----
HT6	Measurement: Time	Measurement: Mass, Capacity and Temperature	Measurement: Mass, Capacity and Temperature	Measurement: Mass, Capacity and Temperature	Consolidation/ Investigations	Consolidation Week/Assessment Week	Summer activities



Year 2 Maths Medium Term Plan HT1

Week	Topic	Objectives to cover	Mental Maths/Recap
1.1	Number – Place Value	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward	
1.2	Number – Place Value	- Recognise the place value of each digit in a two-digit number (10s, 1s) - Compare and order numbers from 0 up to 100; use <, > and = signs - Read and write numbers to at least 100 in numerals and in words	
1.3	Number – Place Value	- Identify, represent and estimate numbers using different representations, including the number line - Use place value and number facts to solve problems	
1.4	Addition and Subtraction	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
1.5	Addition and Subtraction	- Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - A two-digit number and 1s - A two-digit number and 10s - 2 two-digit numbers - Adding 3 one-digit numbers	
1.6	Addition and Subtraction	- Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - A two-digit number and 1s - A two-digit number and 10s - 2 two-digit numbers - Adding 3 one-digit numbers	
1.7	Addition and Subtraction	- Show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot - Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	



Year 2 Maths Medium Term Plan HT2

Week	Topic	Objectives to cover	Mental Maths/Recap
2.1	Addition and Subtraction	- 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	Measurement: Money	- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value - Find different combinations of coins that equal the same amounts of money	
2.3	Measurement: Money	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	
2.4	Multiplication and Division	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	
2.5	Multiplication and Division	- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers - Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals (=) signs	
2.6	Multiplication and Division/ Assessment Week	- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals (=) signs - Assessments	
2.7	Christmas Maths Activities	Activities covering what children have previously been learning	



Year 2 Maths Medium Term Plan HT3

Week	Topic	Objectives to cover	Mental Maths/Recap
3.1	Multiplication and Division	• Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals (=) signs • Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot	
3.2	Multiplication and Division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	
3.3	Statistics	• Interpret and construct simple pictograms, tally charts, block diagrams and tables	
3.4	Statistics	• Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity • Ask-and-answer questions about totalling and comparing categorical data	
3.5	Geometry: Properties of Shape	• Identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line	
3.6	Geometry: Properties of Shape	• Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces	
3.7	Geometry: Properties of Shape	• Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] • Compare and sort common 2-D and 3-D shapes and everyday objects	



Year 2 Maths Medium Term Plan HT4

Week	Topic	Objectives to cover	Mental Maths/Recap
4.1	Fractions	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{1}{2}$ of a length, shape, set of objects or quantity	
4.2	Fractions	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{1}{2}$ of a length, shape, set of objects or quantity	
4.3	Fractions	Write simple fractions, for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{1}{2}$ and $\frac{2}{4}$	
4.4	Measurement: Length and Height	Choose and use appropriate standard units to estimate and <u>measure length/height in any direction (m/cm)</u>; mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, <u>using rulers</u>, scales, thermometers and measuring vessels	
4.5	Measurement: Length and Height	Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$	



Year 2 Maths Medium Term Plan HT5

Week	Topic	Objectives to cover	Mental Maths/Recap
5.1	Geometry: Position and Direction	Order and arrange combinations of mathematical objects in patterns and sequences	
5.2	Geometry: Position and Direction	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)	
5.3	Problem solving	- Questions practising problem solving and questions in different layouts. - Recapping/consolidating any weak areas	
5.4	Problem solving	- Questions practising problem solving and questions in different layouts. - Recapping/consolidating any weak areas	
5.5	Problem solving	- Questions practising problem solving and questions in different layouts. - Recapping/consolidating any weak areas	
5.6	Measurement: Time	- Know the number of minutes in an hour and the number of hours in a day - 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	



Year 2 Maths Medium Term Plan HT6

Week	Topic	Objectives to cover	Mental Maths/Recap
6.1	Measurement: Time	- 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 - Compare and sequence intervals of time	
6.2	Measurement: Mass, Capacity and Temperature	- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =	
6.3	Measurement: Mass, Capacity and Temperature	- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =	
6.4	Measurement: Mass, Capacity and Temperature	- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels - Compare and order lengths, mass, volume/capacity and record the results using >, < and =	
6.5	Consolidation/ Investigations	- Consolidation lessons on anything needing covered again - Investigations applying knowledge children have been learning throughout Year 2	
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 2

Properties of Number:

- Round to the nearest 10
- Use $<$ $>$ $=$ to compare numbers up to 100
- Order numbers up to 100
- Explain place value of digits in 2 digit numbers
- Recognise odd and even numbers to 100

Counting

- Count in 3s forwards and backwards from any number
- Count in 5s forwards and backwards from any number
- Count in 2s forwards and backwards from any number

Number bonds

- Know what to add to a 2 digit number to make 100
- Know number bonds to numbers to 20
- Know number pairs to 100. Eg 40+60
- Know number bonds to 20

Calculation

- Add 3 1 digit numbers together
- Add Ts to a 2 digit number
- Add Us to a 2 digit number

Times Tables

- Know the 5 times table and division facts
- Know the 10 times table and division facts
- Know the 2 times table and division facts

Doubles and Halves

- Know halves of numbers, 2 to 40
- Know doubles of numbers to 20

Shape and Measure

- Tell the time to the nearest 5 minutes
- Tell the time – quarter to and past
- Know if a 2D shape has symmetry
- Know how many edges, vertices and faces 3D shapes have