Year 2: Medium Term Plan

Autumn	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Number: Place value			**Number**: Addition and subtraction			**Measurement**: Time		**Statistics**	**Number**: Multiplication and division		**Measurement**: Money		**Consolidation**
Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Number: Place value		**Number**: Multiplication and division		**Geometry**: Properties of shape Position & direction		**Number**: Addition and subtraction		**Number:** Fractions					
Summer	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Measurement: Reading scales Length and height Mass and capacity			**SATs**		**Consolidation**								

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Autumn Term

Place value

- Compare and order numbers from 0 up to 100; use <, > and = signs
- Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward
- Identify, represent and estimate numbers using different representations, including the number line
- Read and write numbers to at least 100 in numerals and in words
- Recognise the place value of each digit in a two-digit number (tens, ones)
- Use place value and number facts to solve problems

Addition and subtraction

- Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TU ± U, TU ± T, TU ±TU, U + U + U
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
- Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- 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

Measurement – time

- Compare and sequence intervals of 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.
- Know the number of minutes in an hour and the number of hours in a day.

Statistics

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- 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

Multiplication and division (multiplication focus)

- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

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
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

Year 2: Medium Term Plan

Spring Term

Place value

- Compare and order numbers from 0 up to 100; use <, > and = signs
- Identify, represent and estimate numbers using different representations, including the number line
- Read and write numbers to at least 100 in numerals and in words
- Recognise the place value of each digit in a two-digit number (tens, ones)
- Use place value and number facts to solve problems

Multiplication and division (division focus)

- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

Geometry – properties of shape & 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)
- Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
- Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- 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

Addition and subtraction (focus on adding and subtracting 2 digit numbers)

- Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TU ± U, TU ± T, TU ±TU, U + U + U
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
- Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- 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

Fractions

- Recognise, find, name and write fractions $^{1}/_{3}$, $^{1}/_{4}$, $^{2}/_{4}$ and $^{3}/_{4}$ of a length, shape, set of objects or quantity
- Write simple fractions e.g. $^{1}/_{2}$ of 6 = 3 and recognise the equivalence of $^{2}/_{4}$ and $^{1}/_{2}$.

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Summer

Measurement – length, mass, capacity and reading scales

- 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 =