Year 2 - Yearly overview

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
AUTUMN	NUMBER: PLACE VALUE				NUMBER: ADDITION AND SUBTRACTION			MEASUREMENT: MONEY		NUMBER: MULTIPLICATION AND DIVISION		MEASUREMENT : LENGTH AND HEIGHT
SPRING	NUMBER: ADDITION AND SUBTRACTION		MULTIPLICATION AND DIVISION		GEOMETRY: PROPERTIES OF SHAPE			NUMBER: FRACTIONS		STATISTICS		CONSOLIDATION
SUMMER	POSITION AND DIRECTION			PROBLEM SOLVING AND EFFICIENT METHODS.		MEASUREMENT: TIME		MEASUREMENT: MASS, CAPACITY AND TEMPERATURE			INVESTIGATIONS	

AUTUMN TERM 1

NUMBER: PLACE VALUE WEEKS 1-4

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) Identify, represent and estimate numbers using different representations including the number line.

Compare and order numbers from 0 up to 100; use <, > and = signs. Use place value and number facts to solve problems.

Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.

NUMBER – ADDITION & SUBTRACTION WEEKS 5-7

Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.

AUTUMN TERM 2

MEASUREMENT: MONEY WEEKS 8-9

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.

NUMBER: MULTIPLICATION AND DIVISION WEEKS 10-11

Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.

Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.

Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.

Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

MEASUREMENT: LENGTH AND HEIGHT WEEK 12

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 =

SPRING 1

NUMBER: ADDITION AND SUBTRACTION WEEKS 1-2

Show that the 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.

Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

MULTIPLICATION AND DIVISION WEEKS 3-4

.Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.

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.

Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

GEOMETRY: PROPERTIES OF SHAPE WEEKS 5-7

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.

SPRING 2

NUMBER: FRACTIONS WEEKS 8-9
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 for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.

STATISTICS WEEKS 10-11
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.

SUMMER 1

POSITION AND DIRECTION WEEKS 1-3
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).
Order and arrange combinations of mathematical objects in patterns and sequences

PROBLEM SOLVING AND EFFICIENT METHODS. WEEKS 4-5
In preparation for SATs

MEASUREMENT: TIME WEEK 6-7
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.
Compare and sequence intervals of time.

SUMMER 2
MEASUREMENT: MASS, CAPACITY AND TEMPERATURE WEEKS 8-10

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 =

INVESTIGATIONS WEEKS 11-12

Applying knowledge to investigations of the 4 different calculations

Objectives to build in during extra weeks or during starter sessions:

- Find 1 or 10 more or less than a given number.
- Round numbers to at least 100 to the nearest 10.
- Understand the connection between the 10 multiplication table and place value.
- Describe and extend simple sequences involving counting on or back in different steps.
- Use place value and number facts to solve problems.
- Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting).
- Understand subtraction as take away and difference (how many more, how many less/fewer).
- Recall and use number bonds for multiples of 5 totalling 60 (to support telling time to nearest 5 minutes).
- Understand multiplication as repeated addition and arrays.
- Understand division as sharing and grouping and that a division calculation can have a remainder.
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- Understand division as sharing and grouping and that a division calculation can have a remainder.
- Derive and use doubles of simple two-digit numbers (numbers in which the ones total less than 10).
- Derive and use halves of simple two-digit even numbers (numbers in which the tens are even).
  Underline objectives are KEY LEARNING OBJECTIVES in KLIPs.