Maths Long Term Plan - Year 2

Week	Topic	Objectives	Vocabulary	Things to revisit
1, 2, 3	Place Value	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward Recognise the place value of each digit in a two-digit number (10s, 1s) Identify, represent and estimate numbers using different representations, including the number line 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 Use place value and number facts to solve problems	numbers to one hundred, hundreds, partition, tens and ones, recombine, more(than)/less(than), equal to, the same as, estimation	
4, 5, 6	Addition and Subtraction	Recall and use addition and subtraction facts to 20 fluently Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and 1s and a two-digit number and 10	number bonds, add, more, plus, make, sum, total, altogether, subtract, take away, minus, inverse, equals, is the same as, difference between	
7	Assessment/ consolidation week			
8	Addition and Subtraction	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and 10	number bonds, add, more, plus, make, sum, total, altogether, subtract, take away, minus, inverse, equals, is the same as, difference between	
9, 10, 11	Addition and Subtraction	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	number bonds, add, more, plus, make, sum, total, altogether, subtract, take away, minus, inverse, equals, is the same as, difference between, column addition and subtraction	
12	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	whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters, three quarters, one third	
13	Assessment			
14	Consolidation			
15, 16, 17	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 (x), division (÷) and equals (=) signs Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	odd, even, count in twos, threes, fives, count in tens (forwards from/backwards from), How many times?, lots of, groups of, once, twice, three times, five times, multiple of, times, multiply, multiply by, repeated addition, array, row, column, double, halve, share, share equally, group in pairs, threes, etc, equal groups of, divide, divided by, left, left over	
18, 19	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, for example 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2	whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters, three quarters, one third, equivalence, equivalent	
20	Assessment/ Consolidation			
21	Addition and Subtraction	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: Two 2-digit numbers and 3 one-digit numbers	number bonds, add, more, plus, make, sum, total, altogether, subtract, take away, minus, inverse, equals, is the same as, difference between	
22, 23	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 (x), division (÷) and equals (=) signs Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	odd, even, count in twos, threes, fives, tens (forwards from/backwards from), how many times?, lots of, groups of, once, twice, three times, five times, multiple of, times, multiply, multiply by, repeated addition, array, row, column, double, halve, share, share equally, group in pairs, threes, etc., equal groups of, divide, divided by, left, left over	
24, 25	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	money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs, less, cheaper, costs the same as, how much?, how many?, total	
26	Consolidation			
27	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, for example 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2	whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters, three quarters, one third, equivalence, equivalent	
28	SATs revision	Familiarisation with the test layout of questions etc		
29	SATs			
30, 31	Addition and Subtraction (based on QLA from SATs)	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 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: adding 3 one-digit numbers 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	number bonds, add, more, plus, make, sum, total, altogether, subtract, take away, minus, inverse, equals, is the same as, difference between, column addition and subtraction	
32	Consolidation			
33, 34	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 (x), division (÷) and equals (=) signs Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	odd, even, count in twos, threes, fives, tens (forwards from/backwards from), how many times?, lots of, groups of, once, twice, three times, five times, multiple of, times, multiply, multiply by, repeated addition, array, row, column, double, halve, share, share equally, group in pairs, threes, etc., equal groups of, divide, divided by, left, left over	

35	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, for example 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2	whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters, three quarters, one third, equivalence, equivalent	
36, 37	Statistics	Interpret and construct simple pictograms, tally charts, block diagrams and 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	Count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, list, table, label, title, most popular, most common, least popular, least common	
38	Consolidation			
39	Transition			