Corporation Road Primary School Maths Medium-Term Planning Year 1

Planning Guidance

- Ensure each lesson contains an element of counting, which is linked to other areas of your Maths curriculum. For example, counting in 25s using the measuring cylinder ITP; counting in 5 minutes on a clock to make an hour.
- Ensure each lesson has a taught mental starter to engage the pupils and to help coverage. For example working on prime numbers as a mental starter before a lesson on simplifying fractions. Sometimes the mental starter will be linked to the main, whereas other times it won't
- Every lesson should involve reasoning and problem solving, through both content and questioning techniques.

Week	Topic	Autumn Term Objectives Covered
1-2	**Place Value & Number**	• Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens • Given a number, identify one more and one less • Read and write numbers from 1 to 20 in numerals and words • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
3-5	**Addition & Subtraction**	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add one-digit and two-digit numbers to 20, including zero • Subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9 • Recognise and know the value of different denominations of coins and notes
6-7	**Multiplication & Division**	• Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher
8-9	**Fractions & Properties of Shapes**	• Recognise and name common 2-D shapes, including: rectangles (including squares), circles and triangles • Recognise, find and name a half as one of two equal parts of an object, shape or quantity • Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity
10	**Measurement & Fractions**	• Compare, describe and solve practical problems for lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] • Measure and begin to record lengths and heights • Recognise, find and name a half as one of two equal parts of an object, shape or quantity • Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity
11	**Problem Solving**	Finding all possibilities
12-15	**Addition & Subtraction**	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add one-digit and two-digit numbers to 20, including zero

		• Subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9 • Recognise and know the value of different denominations of coins and notes
Week	**Topic**	**Spring Term Objectives Covered**
1-2	**Place Value & Number**	• Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens • Given a number, identify one more and one less • Read and write numbers from 1 to 20 in numerals and words • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
3-5	**Addition & Subtraction**	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add one-digit and two-digit numbers to 20, including zero • Subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9 • Recognise and know the value of different denominations of coins and notes
6-7	**Multiplication & Division**	• Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher
8	**Properties of Shape**	• Recognise and name common 3-D shapes, including: cuboids (including cubes), pyramids and spheres
9	**Problem Solving**	Finding Rules
10-11	**Measurement & Fractions**	• Compare, describe and solve practical problems for mass/weight [for example, heavy/light, heavier than, lighter than] • Measure and begin to record mass/weight • Recognise, find and name a half as one of two equal parts of an object, shape or quantity • Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity
12	**Addition & Subtraction**	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add one-digit and two-digit numbers to 20, including zero • Subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9 • Recognise and know the value of different denominations of coins and notes
Week	**Topic**	**Summer Term Objectives Covered**
1	**Place Value & Number**	• Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens • Given a number, identify one more and one less • Read and write numbers from 1 to 20 in numerals and words • Identify and represent numbers using objects and pictorial representations including the number line, and use the

		language of: equal to, more than, less than (fewer), most, least
2-3	**Addition & Subtraction**	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add one-digit and two-digit numbers to 20, including zero • Subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9 • Recognise and know the value of different denominations of coins and notes
4	**Multiplication & Division**	• Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher
5-6	**Measures & Fractions**	• Compare, describe and solve practical problems for capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] • Measure and begin to record capacity and volume • Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] • Measure and begin to record time (hours, minutes, seconds) • Recognise, find and name a half as one of two equal parts of an object, shape or quantity • Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity
7	**Problem Solving**	• Logic Puzzles
8-9	**Addition & Subtraction**	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add one-digit and two-digit numbers to 20, including zero • Subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9 • Recognise and know the value of different denominations of coins and notes
10-11	**Position & Direction**	• Describe position, direction and movement, including whole, half, quarter and three-quarter turns