



St Mary's Catholic Primary School

Curriculum Mapping – Y1 (National Curriculum Objectives

WhiteRose Small Steps

NCETM and DfE Ready-to-progress Criteria)

AUTUMN TERM

SPRING TERM

SUMMER TERM

Number: Place Value (within 10)	Number: Addition and Subtraction (within 10)	Geometry: Shape	Number: Place Value within 20
<ul style="list-style-type: none"> 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. Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number. Compare numbers using $<$, $>$ and $=$ signs Read and write numbers from 1 to 20 in numerals and words. Count within 100, forwards and backwards, starting with any number. Reason about the location of numbers to 20 within the linear number system, including comparing using $<$ $>$ and $=$ <ol style="list-style-type: none"> Sort Objects Count Objects Count Objects from a larger group Represent Objects Recognise numbers as words Count on from any number 1 more Count backwards from 10 1 less Compare groups by matching Fewer, more, same Less than, greater than, equal to Compare numbers Order objects and numbers The number line 	<ul style="list-style-type: none"> 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) Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. Represent and use number bonds and related subtraction facts within 20. Add and subtract 1-digit and 2-digit numbers to 20, including zero. Develop fluency in addition and subtraction facts within 10. Compose numbers to 10 from 2 parts, and partition numbers to 10 into parts, including recognising odd and even numbers. Read, write and interpret equations containing addition (+), subtraction (–) and equals (=) symbols, and relate additive expressions and equations to real-life contexts. <ol style="list-style-type: none"> Introduce parts and whole Part-whole model Write number sentences Fact families – addition facts Number bonds within 10 Systematic number bonds within 10 Number bonds to 10 Addition – add together Addition – add more Addition problems Find a part Subtraction – find a part Fact families – the eight facts Subtraction – take away/ cross out (How many left?) Subtraction – take away (How many left?) Subtraction on a number line Add or subtract 1 or 2 	<ul style="list-style-type: none"> Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres] Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another. Compose 2D and 3D shapes from smaller shapes to match an example, including manipulating shapes to place them in particular orientations. <ol style="list-style-type: none"> Recognise and name 3D shapes Sort 3D shapes Recognise and name 2D shapes Sort 2D shapes Patterns with 2D and 3D shapes 	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number. 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. Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. Read and write numbers from 1 to 20 in numerals and words. Given a number, identify 1 more and 1 less. Count within 100, forwards and backwards, starting with any number. Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. <ol style="list-style-type: none"> Count within 20 Understand 10 Understand 11, 12 and 13 Understand 14, 15 and 16 Understand 17, 18 and 19 Understand 20 1 more and 1 less The number line to 20 Use a number line to 20 Estimate on a number line to 20 Compare numbers to 20 Order numbers to 20
Number: Addition and subtraction (within 20)	Number: Place Value (within 50)	Measurement: Length and Height	Measurement: Mass and Volume
<ul style="list-style-type: none"> Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. 	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number. 	<ul style="list-style-type: none"> Compare, describe and solve practical problems for: lengths and height; mass/weight; capacity and volume; time. 	<ul style="list-style-type: none"> Compare, describe and solve practical problems for: lengths and heights; mass/weight; capacity and volume; time



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<ul style="list-style-type: none"> • Add and subtract 1-digit and 2-digit numbers to 20, including zero. • Represent and use number bonds and related subtraction facts within 20. • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$ • Compose numbers to 10 from 2 parts, and partition numbers to 10 into parts, including recognising odd and even numbers. • Read, write and interpret equations containing addition (+), subtraction (-) and equals (=) symbols, and relate additive expressions and equations to real-life contexts. <ol style="list-style-type: none"> 1. Add by counting on within 20 2. Add ones using number bonds 3. Find and make number bonds to 20 4. Doubles 5. Near doubles 6. Subtract ones using number bonds 7. Subtraction – counting back 8. Subtraction – finding the difference 9. Related facts 10. Missing number problems 	<ul style="list-style-type: none"> • 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. • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. • Given a number, identify 1 more and 1 less. • Count within 100, forwards and backwards, starting with any number. • Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. <ol style="list-style-type: none"> 1. Count from 20 to 50 2. 20, 30, 40 and 50 3. Count by making groups of 10 4. Groups of tens and ones 5. Partition into tens and ones 6. The number line to 50 7. Estimate on a number line to 50 8. 1 more, 1 less 	<ul style="list-style-type: none"> • Measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time. <ol style="list-style-type: none"> 1. Compare lengths and heights 2. Measure length using objects 3. Measure length in centimetres 	<ul style="list-style-type: none"> • Measure and begin to record the following: lengths and heights; mass/weights; capacity and volume; time. <ol style="list-style-type: none"> 1. Heavier and lighter 2. Measure mass 3. Compare mass 4. Full and empty 5. Compare volume 6. Measure capacity 7. Compare capacity
Number: Multiplication and Division	Number: Fractions	Geometry: Position and Direction	Number: Place Value (within 100)
<ul style="list-style-type: none"> • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. • 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. • Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. <ol style="list-style-type: none"> 1. Count in 2s 2. Count in 10s 3. Count in 5s 4. Recognise equal groups 5. Add equal groups 6. Make arrays 7. Make doubles 8. Make equal groups – grouping 9. Make equal groups - sharing 	<ul style="list-style-type: none"> • 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. <ol style="list-style-type: none"> 1. Recognise half an object or a shape 2. Find half an object or a shape 3. Recognise half a quantity 4. Find half a quantity 5. Recognise a quarter of an object or a shape 6. Find a quarter of an object or a shape 7. Recognise a quarter of a quantity 8. Find a quarter of a quantity 	<ul style="list-style-type: none"> • Describe position, direction and movement, including whole, half, quarter and three-quarter turns. • Use the language of position, direction and motion, including left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside. • Practise counting (1, 2, 3...), ordering (for example, 1st, 2nd, 3rd ...) <ol style="list-style-type: none"> 1. Describe turns 2. Describe position – left and right 3. Describe position forwards and backwards 4. Describe position – above and below 5. Ordinal numbers 	<ul style="list-style-type: none"> • Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number. • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. • 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. • Count within 100, forwards and backwards, starting with any number. • Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. <ol style="list-style-type: none"> 1. Count from 50 to 100 2. Tens to 100 3. Partition into tens and ones 4. The number line to 100 5. 1 more, 1 less



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			6. Compare numbers with the same number of tens 7. Compare any two numbers
Measurement: Money	Measurement: Time		
<ul style="list-style-type: none">• Recognise and know the value of different denominations of coins and notes.• Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. <ol style="list-style-type: none">1. Unitising2. Recognise coins3. Recognise notes4. Count in coins	<ul style="list-style-type: none">• Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening).• Recognise and use language relating to dates, including days of the week, weeks, months and years.• Compare, describe and solve practical problems for time.• Measure and begin to record time (hours, minutes, seconds).• Tell the time to the hour and half past the hour and draw the hands on a clockface to show these times. <ol style="list-style-type: none">1. Before or after2. Days of the week3. Months of the year4. Hours, minutes and seconds5. Tell the time to the hour6. Tell the time to the half hour		