

Marton Manor
Maths Medium-Term Plan & Small Steps: Year 1
Autumn Term



	Place Value (10)	Addition & Subtraction (10)	Place Value (20)	Properties of Shape
	5 weeks	5 weeks	3 weeks	1 week
National Curriculum	<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 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 Compare numbers using and = signs Read and write numbers from 1 to 20 in numerals and words 	<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 	<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 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 & write numbers from 1 to 20 in numerals & words Given a number, identify 1 more and 1 less 	<p>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]</p>
Small Steps	<ol style="list-style-type: none"> Sort objects Count objects Count objects from a larger group Represent objects Recognize numbers as words Count on from any number PS Lesson Assessment 1a: Pause & Stretch One more Count backwards within 10 One less PS Lesson Assessment 7a: Pause & Stretch Compare groups by matching Fewer, more, same Less than, greater than, equal to Compare numbers Order objects and numbers The numberline PS Lesson Assessment 2a: Pause & Stretch 	<ul style="list-style-type: none"> Introduce parts and wholes Part-whole model Write number sentences Fact families Addition facts Number bonds to 10 Add using concrete resources and record as number sentences Add using pictorial representations and record as number sentences Add using number lines and record as number sentences Find a part Subtract for a part Fact families subtract using concrete resources and record as number sentences Subtract using pictorial representations and record as number sentences subtract using number lines and record as number sentences PS Lesson Assessment 5a: Pause & Stretch 	<ul style="list-style-type: none"> Understand 11, 12, 13, 14 Understand 15, 16, 17, 18, 19 Understand 20 R/PS lesson numbers to 20 One more within 20 One less within 20 PS Lesson Assessment 7b: Pause & Stretch R/PS lesson one more / one less within 20 Number lines to 20 Number lines to 20 - estimating Compare and order numbers to 20 PS Lesson Assessment 10b: Pause & Stretch 	<ul style="list-style-type: none"> Recognize and name 2d Sort 2d Recognize and name 3d Sort 3d Patterns with 2d and 3d shapes – teacher assess 24 PS Lesson Assessment 21: Pause & Stretch
Enrichment	Block Opener/Assembly on Careers linked to unit	Block Opener/Assembly on Careers linked to unit Lingfield Education Trust TTRS Competition (16-20.10.23) World Statistics Day (20.10.23)	Block Opener/Assembly on Careers linked to unit WR Barvember (November)	Block Opener/Assembly on Careers linked to unit Lingfield Education Trust TTRS Competition (11-15.12.23) LET Christmas Problems & Puzzles

Marton Manor
Maths Medium-Term Plan Small Steps: Year 1
Spring Term



	Addition & Subtraction (20)	Place Value (50)	Measurement (length & height)	Measurement (mass & capacity)
	3 weeks	3 weeks	2 weeks	3 weeks
National Curriculum	<ul style="list-style-type: none"> Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs 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 $7 = ? - 9$ 	<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 Given a number, identify 1 more and 1 less 	<ul style="list-style-type: none"> Compare, describe and solve practical problems for: lengths and height; mass/weight; capacity and volume; time Measure and begin to record the following: lengths and heights; 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 Measure and begin to record the following: lengths and heights; mass/weights; capacity and volume; time
Small Steps	<ul style="list-style-type: none"> Add within 20 using concrete resources and record as addition number sentences Add within 20 using number lines and record as addition number sentences Number bonds to 20 Find doubles using concrete resources and record as addition number sentences Near doubles using concrete resources and record as addition number sentences Subtract within 20 using concrete resources and record as number sentences subtract within 20 using number lines and record as number sentences Missing number problems PS Lesson 	<ul style="list-style-type: none"> Count from 20 to 50 20, 30, 40 and 50 Count by making groups of 10 Groups of tens and ones Partition into tens and ones The number line to 50 Estimate on a number line to 50 1 more, 1 less PS Lesson Assessment 7c: Pause & Stretch 	<ul style="list-style-type: none"> Compare lengths & heights measure length using objects Measure length in cm PS Lesson Assessment 14: Pause & Stretch 	<ul style="list-style-type: none"> Heavier & lighter Measure mass Compare mass PS Lesson Assessment 14: Pause & Stretch Full and empty Compare capacity Measure capacity PS Lesson Assessment 15: Pause & Stretch
Enrichment	Block Opener/Assembly on Careers linked to unit International Puzzle Day (29.01.24)	Block Opener/Assembly on Careers linked to unit NSPCC Number Day (02.02.24) Lingfield Education Trust TTRS Competition (05-09.02.24)	Block Opener/Assembly on Careers linked to unit World Maths Day (23.03.24)	Block Opener/Assembly on Careers linked to unit Lingfield Education Trust TTRS Competition (11-15.03.24) LET Easter Problems & Puzzles

Marton Manor
Maths Medium-Term Plan Small Steps: Year 1
 Summer Term



	Multiplication & Division	Fractions	Position & Direction	Place Value (100)	Money	Time
	3 weeks	2 weeks	1 week	2 weeks	1 week	2 weeks
National Curriculum	<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 	<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 	<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 (non-statutory guidance) Practise counting (1, 2, 3...), ordering (for example, 1st, 2nd, 3rd ...) (non-statutory guidance) 	<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 	<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 	<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) <p>Tell the time to the hour and half past the hour and draw the hands on a clockface to show these times</p>
Small Steps	<ul style="list-style-type: none"> Count in 2s Make arrays of 2s and link to doubles – record as repeated addition and x Count in 10s Make arrays of 10s – record as repeated addition and multiplication Count in 5s Make arrays of 5 – record as repeated addition and multiplication Division by sharing concrete Division by sharing pictorial and record as division number sentence Division by grouping concrete Division by grouping pictorial and record as division number sentence PS Lesson Assessment 4: Pause & Stretch 	<ul style="list-style-type: none"> Recognize half of a shape/object Find half of a shape/object Find half of a quantity by linking to shapes above Recognize quarter of a shape/object Find quarter of a shape/object Find quarter of a quantity by linking to shapes above PS Lesson Assessment 8: Pause & Stretch 	<ul style="list-style-type: none"> Turns – left and right Forwards and backwards Above and below Ordinal numbers PS Lesson Assessment 22: Pause & Stretch 	<ul style="list-style-type: none"> Count from 50 to 100 Partition into tens and ones to 100 Number line to 100 One more, one less to 100 Compare any number to 100 PS Lesson Assessment 10d: Pause & Stretch 	<ul style="list-style-type: none"> Recognize coins Recognize notes Count in coins PS Lesson Assessment 20: Pause & Stretch 	<ul style="list-style-type: none"> Before and after Days of the week Months of the year Hours, minutes and seconds Tell the time to o'clock Tell the time to half past PS Lesson Assessment 20: Pause & Stretch
Enrichment	<p>Block Opener/Assembly on Careers linked to unit</p> <p>National Numeracy Day (15.05.24)</p> <p>Women in Maths Day (12.05.24)</p>	<p>Block Opener/Assembly on Careers linked to unit</p> <p>National Numeracy Day (15.05.24)</p> <p>Women in Maths Day (12.05.24)</p>	<p>Block Opener/Assembly on Careers linked to unit</p> <p>Lingfield Education Trust TTRS Competition (20-24.05.24)</p>	<p>Block Opener/Assembly on Careers linked to unit</p> <p>My Money Week (12-16.06.24)</p> <p>Alan Turing Day (23.06.24)</p> <p>Allow you pupils practice on the maths orienteering course this term ready for the competition next term.</p>	<p>Block Opener/Assembly on Careers linked to unit</p> <p>Lingfield Education Trust TTRS Competition (01-05.07.24)</p> <p>MP Maths Orienteering Competition for all year groups (01-05.07.24)</p>	<p>Block Opener/Assembly on Careers linked to unit</p> <p>Lingfield Education Trust maths Challenge (12.07.24)</p>