

Maths Progression Map - Year 1

National Curriculum Objective	Autumn	Spring	Summer
<p><u>Place Value</u></p> <ul style="list-style-type: none"> • 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 • 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 • read and write numbers from 1 to 20 in numerals and words. 	<p>- Place Value within 10 Small steps</p> <ul style="list-style-type: none"> • Sort objects • Count objects • Count objects from a larger group • Represent objects as numbers • Recognise numbers as words • Count on from any number • One more • Count backwards within 10 • 1 less • Compare groups by matching • Few, more, same • Less than, greater than, equal to • Compare numbers • Order objects and numbers • The number line 	<p>Small steps- Place Value within 20</p> <ul style="list-style-type: none"> • Count within 20 • Understand 10 • Understand 11,12, 13 • Understand 14,15, 16 • Understand 17,18,19 • Understand 20 • 1 more 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 <p>Small steps - place value within 50</p> <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 	<p>Small steps-</p> <ul style="list-style-type: none"> • Count from 50-100 • Tens to 100 • Partition into tens and ones • The number line to 100 • 1 more 1 less • Compare numbers with the same number of tens • Compare any 2 numbers •
<p><u>Addition and Subtraction</u></p> <ul style="list-style-type: none"> • read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs • represent and use number bonds and related subtraction facts within 20 	<p>Addition and Subtraction within 10 Small steps</p> <ul style="list-style-type: none"> • Introduce parts and wholes • 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 	<p>Small steps - addition and subtraction within 20</p> <ul style="list-style-type: none"> • Add by counting on within 20 • Add ones using number bonds • Find and make number bonds to 20 • Doubles • Near doubles • Subtract ones using number bonds • Subtraction counting back • Subtraction find the difference 	

<ul style="list-style-type: none"> • add and 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 $7 = - 9$. 	<ul style="list-style-type: none"> • Addition problems • Find a part • Subtraction- find a part • Fact families- the 8 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"> • Related facts • Missing number problems • 	
<p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> • 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. 			<p>Small Steps</p> <ul style="list-style-type: none"> • Count in 2s • Count in 10s • Count in 5s • Recognise equal groups • Add equal groups • Make arrays • Make doubles • Make equal groups grouping • Make equal groups sharing
<p><u>Fractions</u></p> <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 			<p>Small steps</p> <ul style="list-style-type: none"> • Recognise half of an object or shape • Find a half of an object or shape • Recognise a half of a quantity • Find a half of a quantity • Recognise a quarter of an object or shape • Find a quarter of an object or shape • Find a quarter of a quantity •
<p><u>Measurement</u> compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> • lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] • mass/weight [for example, heavy/light, heavier than, lighter than] 		<p>Small steps length and height</p> <ul style="list-style-type: none"> • Compare lengths and heights • Measure length using blocks • Measure length using cm <p>Small steps Mass and Volume</p> <ul style="list-style-type: none"> • Heavier and lighter • Measure mass • Compare mass 	<p>Small steps money</p> <ul style="list-style-type: none"> • Unitising • Recognising coins • Recognising notes • Count in coins <p>Small steps- time</p> <ul style="list-style-type: none"> • Before and after • Days of the week • Months of the year • Hours, minutes and seconds

<ul style="list-style-type: none"> • capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] • time [for example, quicker, slower, earlier, later] <p>measure and begin to record the following:</p> <ul style="list-style-type: none"> • lengths and heights • mass/weight • capacity and volume • time (hours, minutes, seconds) recognise and know the value of different denominations of coins and notes • 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 • tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. 			<ul style="list-style-type: none"> • Tell the time to the hour • Tell the time to the half hour
<p><u>Properties of shapes</u></p> <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 	<p>Geometry- shapes Small steps</p> <ul 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. 		

cubes), pyramids and spheres].			
<p><u>Position and Direction</u> describe position, direction and movement, including whole, half, quarter and three quarter turns.</p>			<p>Small steps</p> <ul style="list-style-type: none"> • Describe turns • Describe position- left and right • Describe position- forward and backwards • Describe position- above and below • Ordinal numbers