







Y1	Autumn 1 Topic: Traditional Tales	Autumn 2 Topic: Lego/Christmas	Spring 1 Topic: Who Lives Here?	Spring 2 Topic: Animal Kingdom	Summer 1 Topic: Space	Summer 2 Topic: The Seaside
Week 1		Introducing parts and wholes Part-whole model	Place value to 20 Tens and ones Count one more and one less	Number and place value within 50	Introduce capacity and volume Measure capacity/ Compare capacity	Fractions
Week 2		Addition symbol Fact families - addition facts	Place value to 20 Compare groups of objects/ Compare numbers Order groups of objects/ Order numbers	Number and place value within 50	Money	Position
Week 3	Sort objects/Count objects Count objects from a group of 10/ Represent objects/Represent numbers to 10	Addition - adding together Addition - adding more	*finish add / subtract within 20 Add by counting on + - 20	Number and place value within 50	X and divide	Place value 100
Week 4	Count forwards/Count one more Count backwards/Count one less One to one correspondence	Finding a part Subtraction - taking away, how many left? Crossing out	+ - 20	Compare lengths & heights Measure length (1) (non-standard units)	X and divide	Place value 100




Week 5	Compare objects - Introduce <, > and = Order objects/Order numbers	Subtraction - taking away, how many left? Introducing the subtraction symbol Subtraction - find a part, breaking apart		Introducing the ruler Measure length (2) Adding length problems Subtracting length problems	X and divide	Place value 100
Week 6	Ordinal numbers The number line	Subtraction - counting back Subtraction - finding the difference		Introduce weight & mass Measure mass/ Compare mass		Time
Week 7		Shape Recognise and name 3-D shapes/Sort 3-D shapes Recognise and name 2-D shapes/Sort 2-D shapes Patterns with 3-D and 2-D shapes				




Continuous fluency facts:

- Counting forwards and backwards within 100
- Number bonds within 10
- Systematic methods for number bonds to 10
- Number bonds to 20
- Doubles/Halves to 10
- Addition & subtraction facts (fact families)
- Names of 2D and 3D shapes
- Recognise odd & even numbers

Year 1		
Knowledge 	Skills 	Vocabulary 
<p>Number- Number & Place Value</p> <p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</p> <p>Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</p> <p>Given a number, identify one more and one less</p> <p>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</p> <p>Read and write numbers from 1 to 20 in numerals and words.</p> <p>Number- Addition & Subtraction</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</p> <p>Represent and use number bonds and related subtraction facts within 20</p>	<p>See separate White Rose Skill Progression Sheets</p>	<p>Number</p> <p>Number, numeral, zero, one, two, threetwenty, twenty-one, twenty two.....one hundred, none, how many? count (up) to, count on (from, to), count back (from, to) forwards, backwards, count in ones, two's, fives, tens, equal to, equivalent to, is the same as, more, less, most, least, many, odd, even, multiple of, few, pattern, pair</p> <p>Place value</p> <p>Ones, tens, digit, the same number as, as many as, more, larger, bigger, greater, fewer, smaller, less, fewest, smallest, least, most, biggest, largest, greatest, one more, ten more, one less, ten less, equal to, one more, ten more, one less, ten less, compare, order, size, first, second, third... twentieth, last, last but one, before, after, next, between, half-way between, above, below</p> <p>Estimating</p> <p>Guess, how many ...?, estimate, nearly, roughly, close to, about the same as, just over, just under, too many, too few, enough, not enough</p>

Year 1		
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<p>Add and subtract one-digit and two-digit numbers to 20, including zero</p> <p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$</p> <p>Number – Multiplication & Division</p> <p>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> <p>Number – Fractions</p> <p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p> <p>Measurement</p> <p>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] 		<p>Addition</p> <p>Addition, add, plus, more, and, make, sum, total, altogether, double, near double, half, halve, one more, two more ... ten more, how many more to make ...? how many more is ... than ...? how much more is ...?</p> <p>Subtraction</p> <p>Subtraction, subtract, minus, take away, how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between, equals, is the same as, number bonds/pairs, missing number</p> <p>Multiplication</p> <p>Multiplication, multiply, multiplied by, multiple, repeated addition, array</p> <p>Division</p> <p>Division, dividing, grouping, sharing, doubling, halving, array, number patterns</p> <p>Fractions</p> <p>Fraction, equal part, equal grouping, equal sharing, parts of a whole, half, one of two equal parts, quarter, one of four equal parts</p> <p>Measurement</p> <p>Measure, measurement, size, compare, guess, estimate, enough, not enough, too much, too little, too many, too few, nearly, close to, about the same as, roughly, just over, just under</p>

Year 1		
Knowledge 	Skills 	Vocabulary 
<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> ▪ mass/weight [for example, heavy/light, heavier than, lighter than] ▪ 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) <p>Recognise and know the value of different denominations of coins and notes</p> <p>Sequence events in chronological order using language (before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening)</p>		<p>Length & Height centimetre, metre, length, height, width, depth, long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher ... and so on, longest, shortest, tallest, highest ... and so on, far, near, close, ruler, metre stick</p> <p>Weight Kilogram, half kilogram, weigh, weighs, balances, heavy, light, heavier than, lighter than, heaviest, lightest, scales</p> <p>Capacity & Volume Litre, half litre, capacity, volume, full, empty, more than, less than, half full, quarter full, holds, container</p> <p>Time Time, days of the week (Monday, Tuesday ...) months of the year (January, February ...), seasons: spring, summer, autumn, winter, day, week, weekend, month, year, birthday, holiday, morning, afternoon, evening, night, bedtime, dinner time, playtime, today, yesterday, tomorrow, before, after, earlier, later, next, first, last, midnight, date, now, soon, early, late, quick, quicker, quickest, quickly, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes, usually, once, twice, hour, o'clock, half past, quarter past,</p>

Year 1		
Knowledge 	Skills 	Vocabulary 
<p>Recognise and use language relating to dates, including days of the week, weeks, months and years.</p> <p>Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</p> <p>Geometry - Properties of shapes Recognise and name common 2-D and 3-D shapes, including:</p> <p>2-D shapes [for example, rectangles (including squares), circles and triangles].</p> <p>3-D shapes [for example, cuboids (including cubes), pyramids and spheres].</p> <p>Geometry - Position & direction Describe position, direction and movement, including whole, half, quarter and three quarter turns.</p>		<p>quarter to, clock, clock face, watch, hands, hour hand, minute hand, hours, minutes</p> <p>Money Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear, costs more, cheap, costs less, cheaper, costs the same as, how much ...? how many ...? Total</p> <p>Geometry - Properties of shapes Shape, pattern, flat, curved, straight, round, hollow, solid, sort, make, build, draw, size, bigger, larger, smaller, symmetry, symmetrical, symmetrical pattern, pattern, repeating pattern, match, 2-D shape, corner, side, point, pointed, rectangle (including square), circle, triangle, 3-D shape, face, edge, vertex, vertices, cube, cuboid, pyramid, sphere, cone, cylinder</p> <p>Geometry - Position & Direction Position, over, under, underneath, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart, between, middle, edge, centre, corner. Direction, journey, left, right, up, down, forwards, backwards, sideways, across, next to, close, near, far, along, through, to, from, towards, away from, movement, slide, roll, turn, stretch, bend, whole turn, half turn, quarter turn, three-quarter turn</p>