

	Autumn 1	Autumn 2
Number	<p>Count to 10 <i>Counting children, board games, number line activities, finding 1, 2, 3 etc., Counting in a circle, along the line.</i></p> <p>Count up to 5 objects 1:1 <i>Count out equipment, move each object as you count, games with a score or total, registration, counting movements and sounds.</i></p> <p>Know cardinality of number. <i>Registration, comparing groups of objects, who has more/fewer, counting claps, jumps etc.</i></p> <p>Introduce a 5 frame. <i>Fill the frame games, frames for maths counting activities, how many more games, feed the monster.</i></p> <p><i>Use a tens frame for daily register</i></p> <p>Subitise to 3 <i>Dice games, sorting activities, grouping objects, fields and farms. Jack Hartmann</i></p> <p>Maths rhymes and poems for counting and calculating. Independent recording of working out.</p>	<p>Count down from 10 <i>Counting backwards in the circle, countdown to blast off, number stories and rhymes that count down.</i></p> <p>Know more and fewer <i>Games with a total score, dice games, treasure hunting, sorting and grouping.</i></p> <p>Combine 2 groups and find the total. <i>Post man activity, adding two totals, how many now dice game, ladybird work, addition robot.</i></p> <p>Take away from a larger number and say how many are left. <i>First to 0 games, calculating how many girls/boys from total, monster eating numbers game.</i></p> <p>Learn number bonds to make 5, then 6. <i>Using two dice, activities with fingers, splat the number.</i></p> <p>Maths rhymes and poems for counting and calculating. Independent recording of working out.</p>
Shape Space and Measures	<p>Check use of positional language and fill in any gaps. <i>Small world play, stories and rhymes.</i></p> <p>Select and rotate shapes to fit into a space. <i>Numicon boards, jigsaws, mosaic games.</i></p> <p>Use language heavier, longer, shorter, taller, bigger smaller etc. in context correctly. <i>Compare models, sorting activities, sticks, playdough</i></p> <p>Name circle, square, triangle and rectangle. <i>Feely bag, guess the shape, shape pictures, games, sorting</i></p>	<p>Learn the days of the week (daily repetition) and introduce months of the year. <u>Calendar daily, Birthdays, special times.</u></p> <p>Use full, half full, empty in practical context. <i>Water tray, snack time, baking</i></p> <p>Know that halving something creates two equal pieces. <i>Cutting up snack, mirror pictures, cutting out, playdough</i></p> <p>Follow and describe an AB repeating pattern. <i>Decorating biscuits, paper chains, outdoor patterns, threading and lacing.</i></p>

	Spring 1	Spring 2
Number	<p>Match numeral to quantity to 10 <i>Counting out, building staircases, playing dice games, labelling diagrams and collections.</i></p> <p>Find one more than any number to 10 <i>Building staircases, using number lines and number tracks, counting along the line, sharing stories and rhymes that count up in 1's.</i></p> <p>Subitise to 5 <i>Dice games and dominoes, estimation activities.</i></p> <p>Count 1:1 to 10 <i>Count children, actions, objects, games.</i></p> <p>Know number bonds to 6,7 <i>PPW, number towers, use fingers, splat game.</i></p> <p>Count out any number from a larger group. <i>Selecting own resources, loose parts play.</i></p> <p>Record addition as a part part whole model. <i>Splitting numbers into number bonds, how many more?</i></p> <p>Independent recording of working out.</p>	<p>Find one less than any number to 10. <i>Building staircases, using number lines and number tracks, counting along the line, sharing stories and rhymes that count up in 1's.</i></p> <p>Continue the rote counting pattern to 20. <i>Counting games and songs, counting round a circle, counting larger groups of objects, grouping on tens frames.</i></p> <p>Introduce 1 ten and ? more for tens and units. <i>Record children present, Numicon games and activities, tens and units counting equipment.</i></p> <p>Know number bonds to 8&9 <i>PPW activities, number towers, using fingers, splat the number game.</i></p> <p>Record addition as a number sentence. <i>Actions for + and =, reading number sentences and making with equipment, filling in missing numbers.</i></p> <p>Maths stories for mental addition and subtraction. <i>Small world play, adult telling story, counters to represent characters, children create own stories.</i></p> <p>Independent recording of working out.</p>
Shape, Space and Measures	<p>Use positional language accurately and mathematically. <i>Small world play, instructions and descriptions.</i></p> <p>Know the properties of different flat shapes. Guess the shape from a description, label properties, sorting using Venn diagrams.</p> <p>Name sphere, cylinder, cube. <i>Handle and play with shapes, finding shapes in the environment.</i></p> <p>Use a balance to weigh accurately using non-standard measures. <i>Balance games with toys and counters.</i></p>	<p>Combine shapes to create new shapes. <i>Mosaic games and activities.</i></p> <p>Measure length/height using non-standard measures. <i>Use hand spans, paper clips, towers of bricks, footprints.</i></p> <p>Know that 4 equal pieces are quarters in practical situations. <i>Cooking and cutting activities, making shapes from other shapes.</i></p> <p>Create and describe a ABC repeating pattern. <i>Beads, natural objects, cubes, loose parts play.</i></p>

	Summer 1	Summer 2
Number	<p>Count to 100 following a counting pattern. <i>Counting chants and songs, counting round the circle, collecting 100 objects, 100 square.</i></p> <p>Learn to recognise teen numbers confidently. <i>Lots of Numicon games and experience, writing teen numbers and making tens and ones diagrams.</i></p> <p>Revise number bonds for all numbers to 5. <i>Using fingers, Numicon, 5 frames to practise.</i></p> <p>Practise counting in lots of different contexts. Gain accuracy and confidence. <i>Counting in lots of practical situations, forest school, snack time etc</i></p> <p>Practise sharing a group of objects fairly. <i>Practical sharing tasks, snack, toys etc.</i></p> <p>Learn some doubles facts and be able to calculate others. <i>Dice games with two dice, domino doubles, ladybirds.</i></p> <p>Explore pattern in number including evens and odds and 2x and 10x tables. <i>Colouring a number line/100 square, counting pairs of shoes, feet, gloves etc.</i></p>	<p>Say how many objects are on a tens frame without counting them. <i>Registration, tens frame work outside, addition to ten using counters and Numicon.</i></p> <p>Learn number bonds for numbers 5-10. <i>Revise PPW work, use Numicon, number towers.</i></p> <p>Learn to count on or back to add or subtract. <i>Mental arithmetic games and challenges. Put ? in your head, rote counting down from 10 to 0.</i></p> <p>Learn number patterns by rote <i>Songs, rhymes etc. Visible displays to follow.</i></p>
Shape, Space and Measures	<p>Know my weekly timetable and what happens on each day of the week. <i>Days displayed and activities with them. Make own timetables.</i></p> <p>Use mathematical language to describe shapes. <i>What's my shape, 20 questions with shapes.</i></p> <p>Tell the time to the hour and half hour. <i>Clock faces to play with, finding hometime, dinner time and recording on a clock face.</i></p>	<p>Find 2D shapes within 3D shapes. <i>Printing with 3D shapes, drawing round them.</i></p> <p>Compare capacity, length, weight and height and explore standard units of measurement. <i>Lots of practical tasks outside and indoors to build, weigh and construct using lots of mathematical language. Record using standard units.</i></p> <p>Name and select coins in play. Find equivalents for small amounts. <i>Role play activities, fruit shop, cake sales etc.</i></p>