

Progression of Knowledge, Skills and Vocabulary

EYFS- Reception

	Number	Addition and subtraction	Multiplication and Division	Position and Direction	Measurement	Shape and Space
I know...	<p>how to say one number for each item in order.</p> <p>that the last number reached when counting gives the total.</p> <p>strategies for counting objects accurately, such as moving them, touching them and placing them in a line.</p> <p>my numerals from 1 – 20.</p> <p>how to use resources independently</p> <p>in provision to solve problems.</p>	<p>1 more and 1 less-numbers up to twenty.</p> <p>how to group items to solve problems.</p> <p>that two number combined make a bigger number.</p> <p>that subtract means take away and add means more.</p>	<p>that amounts can be shared equally.</p> <p>that some amounts can be shared fairly but some cannot.</p> <p>the meaning of odd, even and equal.</p>	<p>the meaning of words such as in, on, under etc. and forwards, backwards, up, down, left, right, etc.</p>	<p>the meaning of the words: length, height, weight and capacity.</p> <p>the meaning of comparison words such as heavier, lighter, longer, shorter, Etc.</p> <p>the names of coins.</p> <p>the words the parts of the day, the days of the week and the months of the year.</p>	<p>2d shapes are flat and 3d shapes are solid.</p> <p>how to use shapes appropriately in pictures and models.</p> <p>shapes have different features, i.e., faces, sides, straight, curved, etc.</p>

<p>So I can...</p>	<p>estimate how many objects I can see and then count them</p> <p>select correct numeral for 1-20 objects</p> <p>count an irregular arrangement of objects</p> <p>record using marks I can explain</p> <p>begin to identify mathematical problems based on my own fascinations</p>	<p>use the language of more and fewer to compare 2 sets of objects</p> <p>find the total number of 2 sets of objects by counting them all</p> <p>place numbers in order</p> <p>find 1 more or less than a given number up to 20</p> <p>use vocabulary involved with addition and subtraction</p> <p>record using marks I can explain</p>	<p>begin to solve problems involving doubling, halving and sharing So that I can: Record using marks I can explain</p>	<p>use everyday language to talk about position and distance</p>	<p>order 2 or 3 items by length or height So that I can: Order 2 items by weight or capacity</p> <p>use everyday language to talk about size, weight, capacity, distance, time and money to solve problems</p> <p>order and sequences familiar events</p>	<p>begin to use everyday names for 'solid' 3D shapes and 'flat' 2D shapes</p> <p>begin to use everyday terms to describe shapes</p> <p>select a particular named shape</p> <p>recognise, create and describe patterns</p> <p>explore characteristics of everyday objects and shapes</p> <p>use mathematical language to describe shapes</p>
---------------------------	--	--	--	--	---	---

Vocabulary I will use...	<p>Number</p> <p>One, two, three, four, five</p> <p>Five to twenty and beyond</p> <p>None/ zero</p> <p>Count</p> <p>On, up, down, from</p> <p>Before, after</p> <p>More, many less, few, fewer, fewest, smaller, smallest</p> <p>Equal to/ same as</p> <p>Odd, even</p> <p>Digit</p> <p>Numeral</p> <p>Compare</p> <p>Order/ size</p> <p>Value</p> <p>Between/ halfway</p>	<p>Number Line</p> <p>Add, more, plus, make, sum, total, altogether</p> <p>Double/ half</p> <p>Equals, same with =</p> <p>How many more make?</p> <p>How many more is... then?</p> <p>How much more is?</p> <p>Subtract, take away, minus</p>	<p>Odd/ even</p> <p>Double/ halve</p> <p>Share/ share equally</p> <p>Group in pairs</p> <p>Equal groups of</p> <p>Divide</p>	<p>Over, under, underneath, above, below, top, bottom, side</p> <p>On, in, outside, inside</p> <p>In front, behind</p> <p>Front, back</p> <p>Before, after</p> <p>Besides, next to</p> <p>Middle</p> <p>Up, down, forwards, backwards. Sideways</p> <p>Close, far</p> <p>Through Towards, away from</p> <p>Side, roll, turn</p>	<p>Full, half, empty</p> <p>Holds</p> <p>Container</p> <p>Weigh, weighs, balance, scales</p> <p>Heavy, heavier, heaviest, light, lighter, lightest</p> <p>Seasons: Spring, Summer, Autumn, Winter</p> <p>Days, week, month, year, weekend</p> <p>Birthday, holiday</p> <p>Bedtime, dinner time, playtime</p> <p>Today, yesterday, tomorrow</p> <p>Before, after, next, last Quickest, fastest, slowest</p> <p>Clock</p> <p>Once, first, second, third</p> <p>Highest Money, coin, penny, pence, pound, price, cost, buy, sell, spend,</p>	<p>Sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Solid Corner Face, side Make, build, draw</p>
---------------------------------	--	---	--	---	---	---

					spent, pay, change, Total	
--	--	--	--	--	------------------------------	--