

EYFS progression of skills – Reception Maths

Herts Essential Maths for Reception

Additional shape from White Rose for Reception

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Subitising</p> <p>Subitising numbers up to; recognising the amount without counting</p>	<p>Comparison – Measures</p> <p>Comparing objects by length, thickness and weight/mass, using appropriate language to describe and order them</p>	<p>Counting the sort (including cardinality)</p> <p>Counting a set of items accurately, saying how many are in the set and comparing this to the amount in other sets</p>	<p>Magnitude – Ordering and Estimating</p> <p>Knowing the position of numbers 0-10 and the relationship to other numbers, including whether they are close to 0, 5 or 10</p>	<p>Finding the whole and missing parts</p> <p>Exploring what to do when something is missing in a part, whole model; making links to subtraction and finding the difference</p>	<p>Doubling and Halving</p> <p>Exploring doubling and halving, including solving problems involving doubling and halving</p>
<p>More, less, equal, unequal, same, different, subitise</p>	<p>Similar, different, describe, compare, length, height, longer, taller, shorter, thickness, wider, fatter, thicker, thinner, weight,</p>	<p>Counting, set, total, compare, match, numeral, representations, quantity</p>	<p>Count, increase, equal, compare, position, more, less, estimate, start, middle, end</p>	<p>Missing whole, missing part, more, less, difference</p>	<p>Equal, unequal, group, double, half, halve, part, whole, equal,</p>

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	heavier, lighter, order				
Counting Skills Counting reliably, using number names in order and one to one correspondence	Pattern Recognition Noticing, describing and extending patterns, including thinking about what part is the repeating unit	Using Counting to Compare Using counting to compare and finding a precise numerical difference in sets of objects in varied contexts	Regrouping the Whole Developing a deeper understanding that numbers are made up of other numbers and beginning to rehearse number bonds	Ten and some more Counting confidently to 20, focusing on the numbers 10-20, and finding one more and one less than a number	Odd and Even Understanding that numbers are either odd or even, looking at their 'shape' and whether they share fairly into two groups
Count, counting finger, slowly, number names, order	Same, different, compare, repeated pattern, continue, unit of repeat,	Quantity, total, compare, forwards, backwards, difference,	Part, whole, subitising, combine, total, add, equal, groups	Unit, digits, match, number names, more, less	Odd, even, share, equal, unequal, groups, pattern, sequence,
2D shape To identify, name and describe simple properties of a circle and triangle	Classification Classifying (grouping) objects using given criteria and their own ideas and thinking about	Spatial Thinking Developing spatial thinking and spatial language linked to position and direction, in	Regrouping parts to find the total (the whole) Combing parts to make a whole and using the part,	3D shape To identify, name and describe properties of 3D shapes	Counting Beyond 20 Counting beyond 20, recognising the pattern of the counting system,

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	groups after classification	movements and using symbols	whole model to develop an understanding of addition		exploring the value of tens and ones in numbers
2D shape, circle, triangle, side, edge, corner, straight, curved	Set, group, sort, classify, intersection, compare, same, different, similar	Position, in, on, under, next to, between, above, below, beside, direction, turn towards, over, backwards, forwards, route, longer, longest, shorter, shortest, symbol, represent	Part, total, whole, regroup, counting on,		Amount, compare, quantity, difference, more, less, part, whole
2D shape To identify, name and describe simple properties of a square and rectangle					
Rectangle, square, long, short, equal,					

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
unequal, length, same, different					