EYFS Mathematics Progression of Skills

ELG: Number

1 – Have a deep understanding of number to 10, including the composition of each number

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	Take part in finger rhymes with numbers e.g. round and round the garden	Show 'finger numbers to 5'	Explore the composition of numbers to 10	Have a deep understanding of number to 10, including the composition of each number
	N/A	Link numerals and amount to 5	Link the numerical symbol with its cardinal number value (numeral-value)	
	Count in everyday contexts (sometimes skipping e.g. 1,2,3,5)	Say one number for each item	Count objects, actions and sounds	
		Recite numbers past 5		

2 – Subitise (recognise quantities without counting) up to 5

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	React to changes of amount in a group of up to 3 objects	Fast recognition of up to 3 objects (subitise)	Subitise	Subitise (recognise quantities without counting) up to 5
	Count in everyday contexts	Say one number for each item	Count objects, actions and sounds	

3 – Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction (facts) and some number bonds to 10, including doubling facts

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	Climb and squeeze selves into spaces – problem solving	Solve real world maths problems with numbers up to 5	Recall number bonds to 10	Recall number bonds to 5
				Recall subtraction facts for number bonds to 5
	Complete inset puzzles (problem solving)			Recall some bonds to 10
				Recall some double facts

ELG: Numerical patterns

1 – Verbally count beyond 20, recognise the pattern of the counting system

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	Count in everyday contexts (sometimes skipping)	Recite numbers past 5	Count being 10	Verbally count beyond 20
	Notice patterns and arrange things in patterns	Extend and create patterns Notice and correct errors in patterns	Continue, copy and recreate patterns	Recognise the pattern of the counting system

2 - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	Compare sizes, weights, etc. using gestures and language e.g. big, tall, heavy	Make comparisons between objects relating to size, weight, length, weight and capacity	Compare numbers Compare length, weight and capacity	Compare quantities up to 10
	Compare amounts saying lots, more, same	Compare quantities using vocabulary: more, less, fewer, same	Understand the one more/ one less than relationship	Recognise greater than, less than and equal to

3 – Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	Notice patterns and arrange things in patterns	Talk about and identify patterns Extend and create patterns Notice errors in patterns Experiment with symbols and marks as well as numerals Solve real world maths problems	Continue copy an create repeating patterns Explore the composition of numbers to 10	Explore and represent patterns within numbers up to 10 Even and odd numbers Double facts Sharing

ELG: Shape, space and measure

There is no ELG requirement for SSM but it appears elsewhere within Development Matters 2020

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	N/A	Talk about and explore 2D and 3D shapes using informal mathematical language		No ELG requirement
	Build with a range of equipment Complete inset puzzle	Select shapes appropriately for building or creating pictures and models	Select, rotate and manipulate shapes in order to develop spatial reasoning skills	
	Combine objects such as blocks and stacking cups – put inside each other and remove Complete inset puzzles	Combine shapes to make new ones	Compose and decompose shapes – recognition that a shape can have shapes with it (just lie a number)	

	2-3 years	3 and 4 year olds	Reception	ELG
Maths	Compare sizes, weight, etc. tall, long, high, heavy etc.	Make comparisons between objects relating to length, size weight and capacity	Compare length, weight and capacity	No ELG requirement
		Understand position through words alone e.g. under, over on top of etc. Discuss routes and locations		