



Thurcroft Infant School EYFS Progression Document- Maths

Maths			
	Milestone 1	Milestone 2	Milestone 3
FS1	<u>Subitising and counting</u>	<u>Subitising and counting</u>	<u>Subitising and counting</u>
	<ul style="list-style-type: none"> I can rote count to 5 with support I am beginning to join in with number songs I can count out 2 objects accurately I can copy a group of objects by matching (up to 3) 	<ul style="list-style-type: none"> I can subitise e to 3 I can rote count to 10 independently. I can one to one count small groups of objects (up to 5) 	<ul style="list-style-type: none"> I can count up to 6 objects with 1-1 correspondence I can subitise 4
	<u>Comparing and Composing Numbers</u>	<u>Comparing and Composing Numbers</u>	<u>Comparing and Composing Numbers</u>
	<ul style="list-style-type: none"> I can recognise numerals to 2 independently I am beginning to identify which group of objects has more or less by sight I can show 1 and 2 using my fingers I can represent 1 and 2 with equipment 	<ul style="list-style-type: none"> I can recognise numerals to 3 independently I can identify which group of objects has more or less by sight I can show 3 using my fingers I can represent numbers 1-5 using equipment 	<ul style="list-style-type: none"> I can recognise numerals to 5 independently I can show numbers to 5 using my fingers I can represent numbers 1-5 using equipment I understand more and fewer
	<u>Shape</u>	<u>Shape</u>	<u>Shape</u>
	<ul style="list-style-type: none"> I can match familiar shapes (circle, triangle, square) I can compare and match shapes with the size 	<ul style="list-style-type: none"> I can recognise triangle, circle, square and rectangle I can find some shapes in the environment 	<p>I can name some 2D shapes (circle, triangle, square, rectangle)</p> <p>I can match combinations of shapes to each other</p> <p>I am beginning to explore 3D shapes</p>
	<u>Length, Weight and Capacity</u>	<u>Length, Weight and Capacity</u>	<u>Length, Weight and Capacity</u>
<ul style="list-style-type: none"> I am able to recognise the specific attributes of length/height/weight e.g. that stick is long Build with blocks associating more blocks with terms like 'big' and fewer blocks with terms like 'small' Identifies capacity as an attribute 	<ul style="list-style-type: none"> I can make simple comparisons of length intuitively (similar to subitising) I can compare and build with many types of materials I can explore capacity of containers and recognise if it is full/empty 	<p>I can pour one container into another to see which holds more</p> <p>I can compare weight- which object is heavier/lighter</p>	
<u>Pattern</u>	<u>Pattern</u>	<u>Pattern</u>	
<ul style="list-style-type: none"> I can match ABABAB pattern with support I am beginning to explore pattern in the environment 	<ul style="list-style-type: none"> I can recognise simple ABABAB patterns 	<ul style="list-style-type: none"> I can extend ABABAB patterns 	
<u>Spatial Awareness</u>	<u>Spatial Awareness</u>	<u>Spatial Awareness</u>	
<ul style="list-style-type: none"> I am beginning to explore how shapes and blocks fit together I can use positional words such as 'under', 'over' and 'through' 	<ul style="list-style-type: none"> I can say which shape is bigger/smaller I can talk about things that are close by and far away 	<ul style="list-style-type: none"> I can compare shapes by size. I can use the words turn, in front, next to, besides, behind I can talk about a familiar route 	



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	<u>Subitising and counting</u>	<u>Subitising and counting</u>	<u>Subitising and counting</u>
	<ul style="list-style-type: none"> I can count out amounts up to 6 I am beginning to show awareness of subitising to 5 	<ul style="list-style-type: none"> I can count up to 9 independently. I can subitise to 5 	<ul style="list-style-type: none"> I can count to 20 with confidence and accuracy I am developing conceptual subitising up to 10
	<u>Comparing and Composing Numbers</u>	<u>Comparing and Composing Numbers</u>	<u>Comparing and Composing Numbers</u>
	<ul style="list-style-type: none"> I can recognise numerals to 5 independently I can represent number up to 5 using a range of equipment and fingers I am beginning to show awareness of number bonds through the composition of number 0-5 I can compare numbers I am beginning to explore the part-part whole model I am developing quick recall of 1 more/less than numbers 0-5 	<ul style="list-style-type: none"> I can recognise number 0-10 I can represent number 0-10 with a range of equipment/fingers I can compose numbers 0-10 I am beginning to develop an understanding of odd and even numbers. I am developing my automaticity of number bonds of 5 I can recall some doubles up to 5 and work out doubles up to 10 	<ul style="list-style-type: none"> I can recognise some numbers above 10 I can recall/work out number bonds of number up to 10 I can recall odd and even numbers 0-10 I am developing my understanding of number bonds to 10, automatic recall to 5 I can recall doubles up to 5 and some doubles up to 10 I understand one more/less than numbers 0-10
	<u>Shape</u>	<u>Shape</u>	<u>Shape</u>
FS2	<ul style="list-style-type: none"> I can recognise and name circles, triangles, squares and rectangles (including less typical representations) I can sort shapes I am beginning to describe some properties of 2D shapes 	<ul style="list-style-type: none"> I can compare and describe the properties of 2D shapes using corners and sides I am beginning to recognise some 3D shapes 	<ul style="list-style-type: none"> I can recognise and describe properties of 2D and 3D shapes using the vocab sides, corners, straight curved, faces, edges
	<u>Length, Weight and Capacity</u>	<u>Length, Weight and Capacity</u>	<u>Length, Weight and Capacity</u>
	<ul style="list-style-type: none"> I can compare length, weight and height of objects by aligning/weighing I can use the terms long, longer, longest, short, shorter, shortest, heavy, heavier, heaviest, light, lighter and lightest, full, empty 	<ul style="list-style-type: none"> I can compare the length, height and weight of two or more objects I can fill container using smaller containers counting how many it takes to fill 	<ul style="list-style-type: none"> I can order objects by length, height, weight and capacity I can pour one container into another concluding if it holds more/less
	<u>Pattern</u>	<u>Pattern</u>	<u>Pattern</u>
	<ul style="list-style-type: none"> I can build ABABAB pattern I can spot a mistake in ABABAB and fixes it 	<ul style="list-style-type: none"> I can recognise repeating patterns with core units such as AAB, ABC and AABC 	<ul style="list-style-type: none"> I can describe and build repeating patterns with core units such as AAB, ABC and AABC
	<u>Spatial Awareness</u>	<u>Spatial Awareness</u>	<u>Spatial Awareness</u>
	<ul style="list-style-type: none"> I can use positional language I can follow spacial directions I can make pictures with a range of 2D shapes 	<ul style="list-style-type: none"> I can place 2 shapes together to make another shape I can discuss familiar routes using positional language 	<ul style="list-style-type: none"> I can slide, turn, flip, and fit shapes together to create other shapes I can give spatial directions



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ELG-

Number ELG

Children at the expected level of development will:

- Have a deep understanding of number to 10, including the composition of each number;
- Subitise (recognise quantities without counting) up to 5;
- 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 double facts.

Numerical Patterns ELG

Children at the expected level of development will:

- Verbally count beyond 20, recognising the pattern of the counting system;
- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity; 29
- Explore and represent patterns within numbers up to 10, including