Burford Primary and Nursery School

Our Nursery maths curriculum

F1 maths - Yearly overview - Progression

TERM	Autumn	Spring	Summer
	At Burford, we follow a mastery approach to help our children build a deep and long term understanding of maths. Our nursery children will access this maths curriculum, which has been developed using the development matters to ensure that our children are able to achieve the expected standard by the end of their time in Nursery. Children will follow a 5 day timetable with at least one session of math per day that focuses on number, shape and space, measure, pattern and problem solving. The content builds progressively, so that each term children will be building on existing knowledge.		
Intended impact	To establish routines for teaching maths. To introduce the idea of a number rhyme of the week. To introduce manipulatives for children to physically handle amounts. To begin to make comparisons between amounts. To begin counting to 10 by rote To introduce the vocabulary of heavy and light. To use vocabulary to identify and sort patterns around them. To introduce the vocabulary of big and little. To introduce the vocabulary of tall, short and long. To introduce the vocabulary of empty, full and half full. To name and compare some 2D shapes,	To be able to show numbers in different representations. To count out an amount onto a 5 frame, with a focus on 1-1 correspondence. To be able to sort objects by their different representations. To be able to subitise objects to 3. To compare amounts using the language of more or fewer than. To find and name some 2D shapes and identify some of their properties. To begin to use some positional language. To sequence some key events, such as morning routine. To create patterns with increasing independence.	To recognise numbers to 5. To be able to say what is one more or one less. To know that two numbers/ amounts can be combined to create a larger amount. This can be represented on a part whole model. To name and identify the features of some 2D shapes. To identify and correct errors in patterns. To use balancing scales to describe the weight of objects. To order 3 objects by length and height. To order 3 objects by their capacity.

Nursery maths - Yearly overview - Progression

Autumn

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	Five little ducks	Selects shapes appropriately. I want to build a house…which of these shapes will work.	React to changes in amount. Show the children 3 objects, move them around- do they still know it is 3?	Talk about and identify patterns in the world around them E.g. stripes on clothes, designs on rugs	Math challenge– problem solving Friday
2	Five little monkeys	Circle Introduce the shape, pass it round, feel the point corners/ straight/ curved sides.	Whiteboard maths Simple games and mark marking to represent number.	Matching/ sorting patterns E.g. pairing socks or baubles	
3	Five little speckled frogs	Triangle	Counting 1:1 to 5 Introducing counting finger- one number for one object, counting them in a line using a variety of objects	Weight Heavy and light between two objects	
4	Five little men	Square	Know that the last number reached when counting a small set of objects tells you how how many there are in total (cardinal principle)	Size Big and little	
5	Five currant buns	Rectangle	Compare amounts using ‘lots’, ‘more’ or ‘same’	Length/ height Tall and short Long and short	
6	Five green bottles	Sorting shapes Compare two different shapes each time.	Count out objects from a larger group. E.g. give me two cars	Capacity Empty, full and half full.	

Nursery maths - Yearly overview - Progression

Spring

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	Five little ducks	Circle Introduce the shape, pass it round, feel the point corners/ straight/ curved sides.	Number of the week- 3 Subitising numbers to 3	Copying patterns E.g Body patterns and patterns with objects	Math challenge– problem solving Friday
2	Five little monkeys	Triangle	Number of the week- 3 More than	Extending patterns	
3	Five little speckled frogs	Square	Number of the week- 3 Fewer than	Creating patterns	
4	Five little men	Rectangle	Number of the week- 3 More and fewer than	Positional language	
5	Five currant buns	Sorting shapes Comparing two everyday objects by their shape	Number of the week- 3 Enough and not enough	Sequence of events Morning routine	
6	Five green bottles	Finding shapes Shape mat/ shape shop	Sorting different representations of number Enough and not enough	Measure Heavy and light Tall and short	

Nursery maths - Yearly overview - Progression

Summer Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	Five little ducks	Circle Introduce the shape, pass it round, feel the point corners/ straight/ curved sides.	Number of the week- 5 Subitising numbers to 3	Copying patterns EBody patterns and patterns with objects	Math challenge– problem solving Friday
2	Five little monkeys	Triangle	Number of the week- 5 One more	Extending patterns	
3	Five little speckled frogs	Square	Number of the week- 5 One less	Creating patterns	
4	Five little men	Rectangle	Number of the week- 5 More and fewer than	Positional language	
5	Five currant buns	Sorting shapes Comparing two everyday objects by their shape	Number of the week- 5 Enough and not enough	Sequence of events Morning routine	
6	Five green bottles	Finding shapes Shape mat/ shape shop	Sorting different representations of number Enough and not enough	Measure Heavy and light Tall and short	