

## How is Maths taught in Reception?

Self registration – children add picture to tens frames. How many children are here? How many children are away?

Date – days of the week song, count up to the date number.

Daily nursery rhymes – number links

Daily Maths lesson – Review, Teach, Practise in groups, Apply 3x Number

2x Shape, Space, Measures

Number Sense – 5 mins daily

Maths opportunities within the environment as part of continuous and enhanced provision

Mathematics					
Number					
Link the number symbol (numeral) with its cardinal number value (numbers to 10)	Understand the 'one more than/one less than' relationship between consecutive numbers. (numbers to 10)	Explore the composition of numbers to 10.	Explore the composition of numbers to 10.	Explore the composition of numbers to 10. Know that a number can be partitioned into more than	Recall number bonds to 5 Conservation: knowing that the number does not change if things are rearranged (as
Sequencing numbers to 10				two numbers	long as none have been added or taken away)
Numerical Patterns					

Spatial Awareness					Continuing a pattern which ends mid-unit Make their own ABB, ABBC patterns Spotting an error in an ABB pattern I can continue, copy and create repeating patterns with 2 or more objects.
Use positional language to describe a familiar route.	Discuss routes and locations, using words like 'in front of' and 'behind'.	Beginning to use time to sequence events	Select, rotate and manipulate shapes to develop spatial reasoning skills. Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.	Use 3D shapes to make a structure, showing an understanding of basic properties (stack, roll)	

Wee	Focus Skills and	Link to End of Year	Possible activities	Enhancements	Key vocabulary
k	Knowledge	Objectives			



one, two, three, four, five, six, seven, eight, nine, ten 1,2,3,4,5,6,7,8,9,1 0 ten frame count how many? total altogether count forwards/backwa rds same, different odd one out more, fewer group in, on, below,
under up, down, across difference left, right above in front of, behind, next to, forwards, backwards
one, two, three, four, five, six, seven, eight, nine, ten 1,2,3,4,5,6,7,8,9,1 0 ten frame count how many? total



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forwards,
backwards



### Outdoors

Place 10 chairs into 5 rows of 2 to resemble the seats on a bus. Ask: How many passengers are

there on the bus? How many more passengers could ride on the bus? How many are getting on or off at the next stop? How many are on the bus now?



### 10 Hunt



around the outside area and chalk a large 10 frame onto the ground. As the children find the items, they put them into the 10 frame. Prompt the children to use the 10 frame to help them see how many they have found and how

many are still hiding.

### Outdoor

Label 2 areas outside daytime and night time. Call out an activity and the children run to the day time or night time area. For example, stars appear, we put on pyjamas, we get dressed, foxes come out, we eat lunch, owls hunt etc. Encourage the children to suggest some of their own night

and day activities.



Provide a sand timer, a fishing rod and magnetic fish in the water area. How many fish can the children catch before the sand runs out? Use the timer to measure the activity and then count the fish.

### Snack

Support the children to make toast for snack. How does the bread change when you toast it?

How long do they need to toast the bread for to make nice golden toast? What happens if it is toasted for too long? What happens if it's not toasted for long



### Outdoors

Set up a circuit of different activities around the outdoor area. Challenge the children to see how many of each activity they can do in one minute. E.g. How many bean bags can they throw into the hoop? How many skittles can they knock down? How many bricks can they build into the tower? Provide minute timers for the children to use.

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first, next, later, then before, after, every day time order sequence



Outdoors	one, two, three,
e 10 chairs into 5 rows of 2 to resemble the seats on a bus. Ask: How many passengers are	four, five, six,
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nany are on the bus now?	1,2,3,4,5,6,7,8,9,1
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IO items (rubber ducks, beanbags etc)	count
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	count
	forwards/backwa
	rds
	same, different
	odd one out
	more, fewer
	group
	nuzzle
	triangle, square
	fold/open
	count
	how many?
	build
	turn
	same/different
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Fuldame       Ask the children to spice affective ways of building the fuldame to be a full and the spice array of the spice of the spice and the spin of the spice of the spin of the sp		Bonds to 10	Prompts for Learning	
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count forwards/backwa rds same, different odd one out
more, fewer group
roll, stack curved, straight, round corners, face, edge, sides square, rectangle, triangle, circle sphere, cube, cuboid, cylinder, cone big, little, flat,





### Finger Gym

Provide a coat hanger and a basket of pegs. Ask the children to put the pegs onto the hanger and to explore how their numbers can be partitioned in different ways and recombined to see how many altogether.





## **Number Shapes**

Provide an assortment of 1-5 number shapes. Ask the children to choose a number shape. Next, find a friend and combine their shapes to see what number they can make altogether? Repeat by moving to different friends.

### Loose Parts



200

Provide the children with a range of loose parts such as buttons, beads, pebbles, shells, or seeds. They can use these to create a variety of different patterns. You can add variety by providing wavy lines, spirals and zig-zags for them to build their natterns along



## Dough

Use 3-D shapes to press patterns into the dough. Can their friends tell which shapes they used and copy the patterns?

They can also make patterns on the dough using loose parts such as shells, stones, beads or buttons.

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next continue repeat unit of repeat cube round pattern size shape colour bigger smaller same different tall short stripes squares