

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

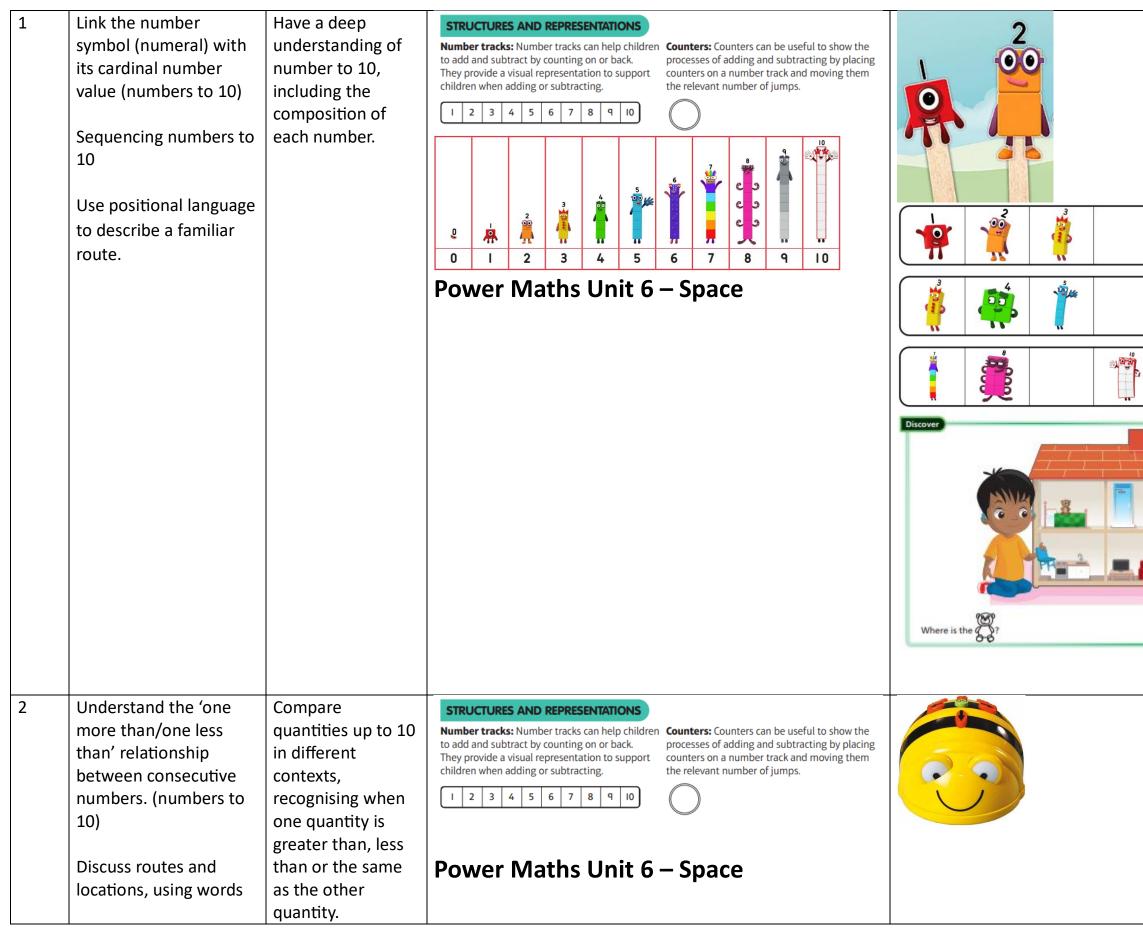
Number Sense – 5 mins daily

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

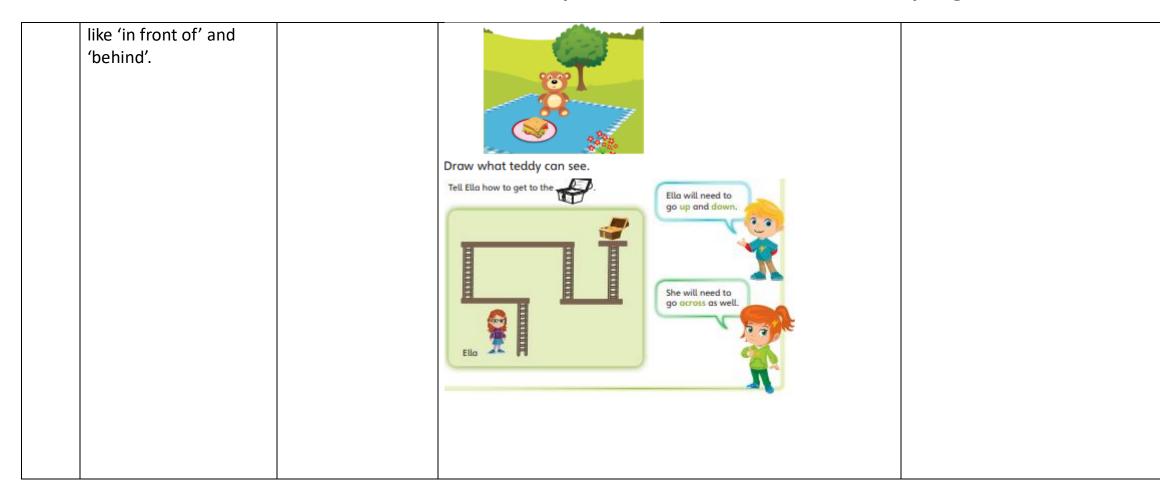
Mathematics					
Number					
Link the number symbol (numeral) with its cardinal number value (numbers to 10) Sequencing numbers to 10	Understand the 'one more than/one less than' relationship between consecutive numbers. (numbers to 10)	Explore the composition of numbers to 10.	Explore the composition of numbers to 10.	Explore the composition of numbers to 10. Know that a number can be partitioned into more than two numbers	Recall number bonds to 5 Conservation: knowing that the number does not change if things are rearranged (as 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)	

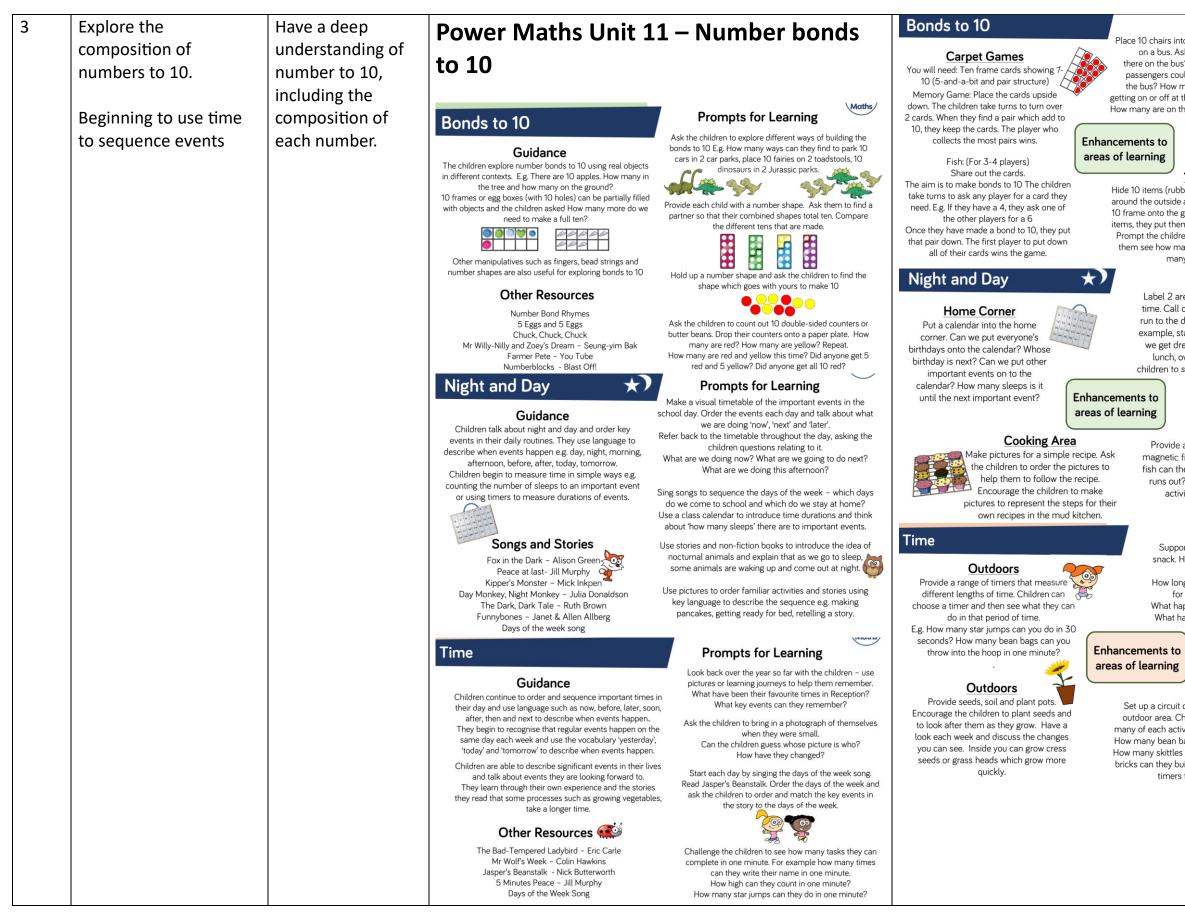
Wee	Focus Skills and	Link to End of Year	Possible activities	Enhancements	Key vocabulary
k	Knowledge	Objectives			



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
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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



Hide 10 items (rubber ducks, beanbags etc) 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

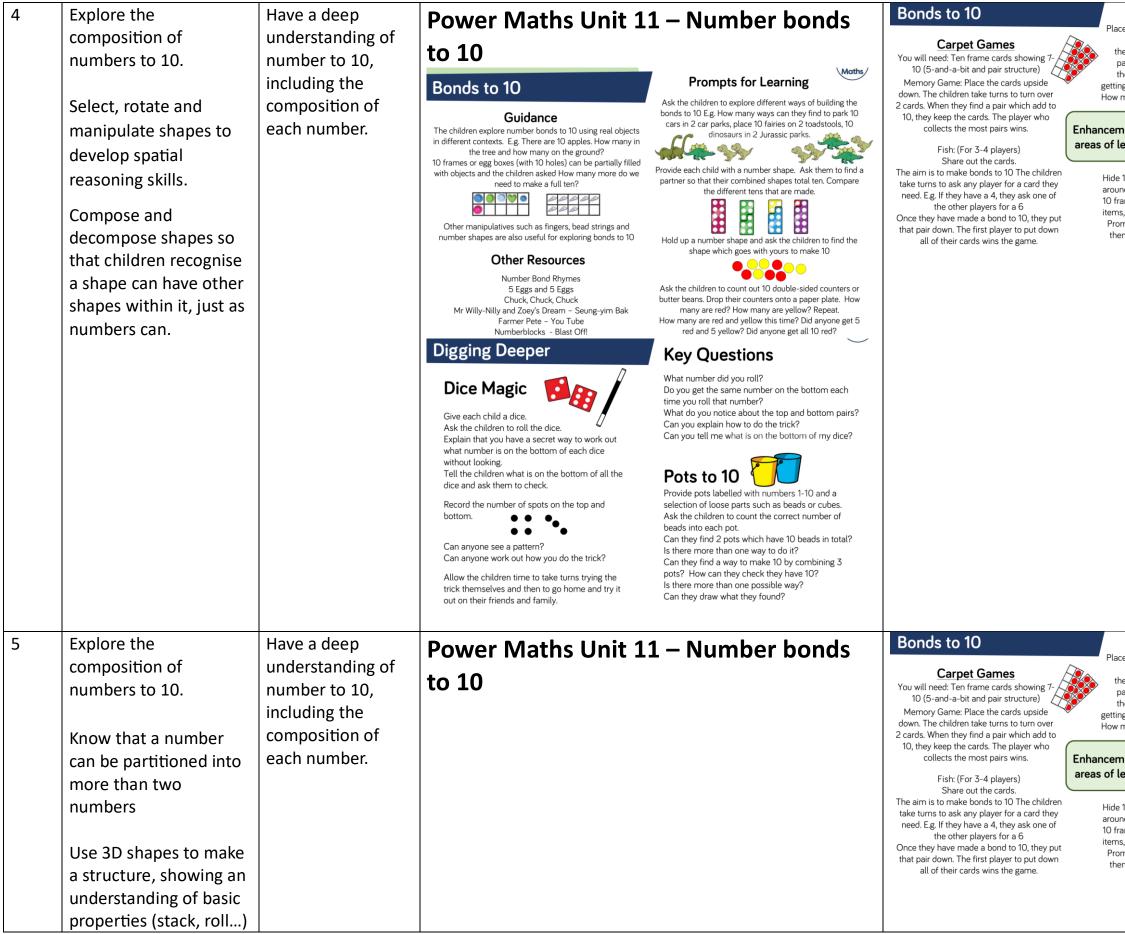


Outdoors

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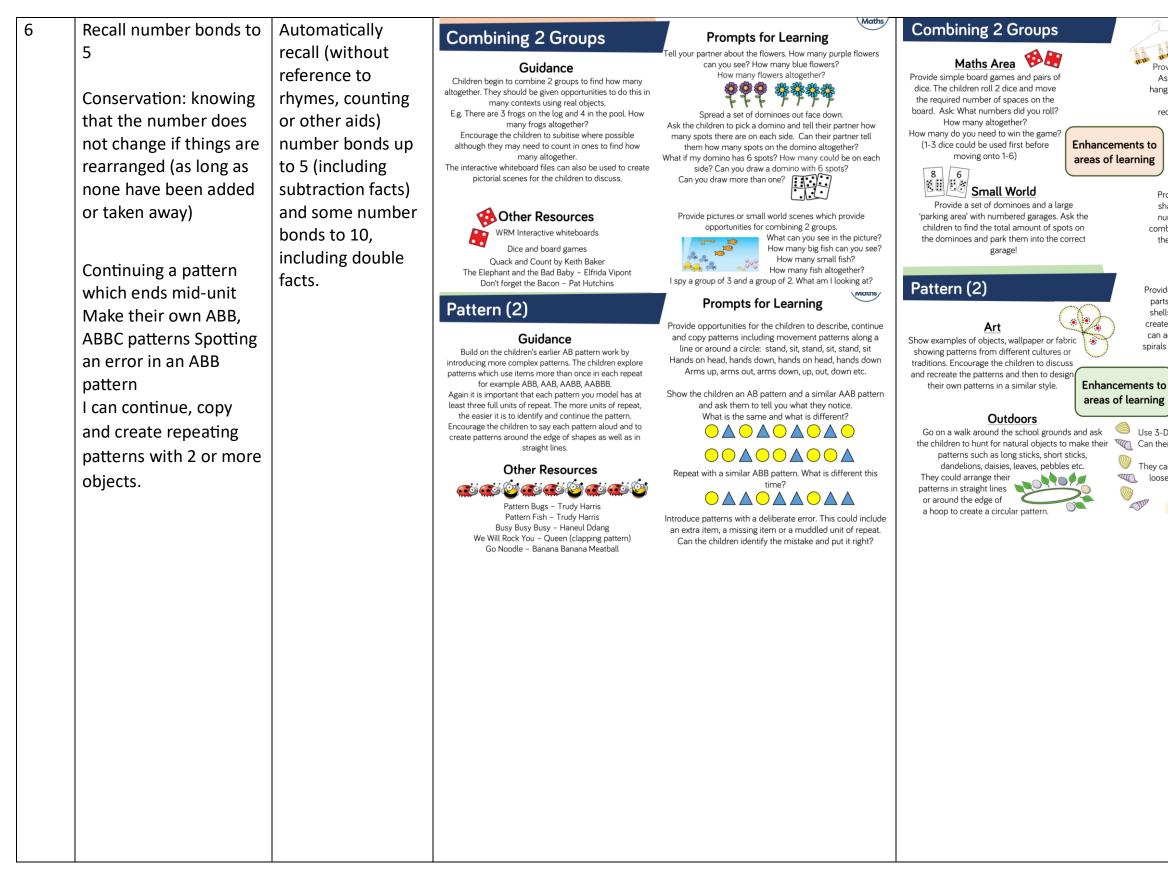
first, next, later, then before, after, every day time order sequence

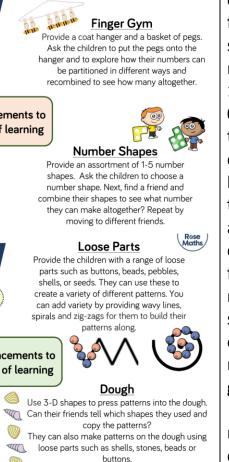


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	puzzle triangle, square fold/open count how many? build turn same/different
Dutdoors to Chairs into 5 rows of 2 to resemble the seats on a bus. Ask: How many passengers are the on the bus? How many more assengers could ride on the bus? How many are go no off at the next stop? anny are on the bus now? The bus? the bus? Di tems (rubber ducks, beanbags etc.) of the outside area and chalk a large me onto the ground. As the children find the they put them into the 10 frame. they put them into the 10 frame to help	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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Bonds to 10 Guidance The children explore number bonds to 10 using real object in different contexts. E.g. There are 10 apples. How many the tree and how many on the ground? 10 frames or egg boxes (with 10 holes) can be partially fill with objects and the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked How many more do uneed to make a full ten? Image: State of the children asked the children asked the under the children asked the under the unde	in ed ve Provide each child with a number shape. Ask them to find a partner so that their combined shapes total ten. Compare the different tens that are made.	
Farmer Pete – You Tube	How many are red and yellow this time? Did anyone get 5	

1
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,
pointy





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