Year R



iii Sometimes marches numeral and quantity correctly, 9 Shows curlosity about numbers by offering comments or asking questions. 20 Compares two groups of objects, saying when they have the same number. 21 Shows an interest in number problems. 22 Separates a group of thee or four objects in different ways, beginning to recognise that the total is still the same. 23 Shows an interest in numerals in the environment. 24 Shows an interest in representing numbers. 25 Realtess not only objects, but anything can be counted, including steps, daps

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Exceeding		ELG							
46	45	4	43	42	41	40	39	38	9
They solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups.	Children estimate a number of objects and check quantities by counting up to 20.	They solve problems, including doubling, halving and sharing.	Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer.	Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.	Begins to identify own mathematical problems based on own interests and fascinations.	Records, using marks that they can interpret and explain.	In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.	Finds one more or one less from a group of up to five objects, then ten objects.	are the manner of the second man a great manner.

Recognises numerals 1 to 5.	Recognise some numerals of personal significance.	Mathematics

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Maths in Reception



How to help your child at home and have fun!

The National curriculum Maths Early Learning Goals for children in Reception are on the back of this leaflet. Some targets are harder than they seem.

For example, a child may be able to count to 10 or even 20, but can they recognise the size of a set of objects? Similarly, can they count on from 3 to 8 without seeing any objects at all?

Maths in Reception-Games to play:

Counting and putting in order

Use old magazines or cards. Cut out the pictures of animals or anything your child is interested in. Label them 1-5. Ask the child to put them in order. Remove one and ask which number is missing. Repeat and remove more than one. Choose a picture and ask what number comes before or after that number.

Dice game

• Use a dotted dice and write the numbers 1-6 on paper. Throw the dice, can the child match the spots with the number? Similarly ask the child if a number and the dice spots match.

Recognising numbers

- Choose a number for the week eg: 2 Look for that number all around:
 - *At home—in the kitchen, or in a book
 - *In the street—on doors, on cars, on buses
 - *At the shops—on the till, on shelves
 - *Make patterns such as 2 knives, 2 forks etc.
 - *Practise writing the number 2

Build a tower

 Take turns to roll the dice. Take that number of bricks to build a tower. Each time you get to 10 you win a point.

Roll a shape

◆ Cut out 12 shapes—3 squares 3 circles 3 rectangles 3 triangles. Roll the dice if you get 1 you can collect a circle, as it has 1 side. If you get a 3 you collect a triangle as it has 3 sides. If you throw a 4 you can choose a rectangle or a square, as they both have 4 sides. The first to collect one of each shape wins.



Maths in Reception-Games to play:

Dicey counting

• Throw the dice. Try and count from 0 to that number then back from that number to 0. If you can you win a point.

Collections

You need something to collect that will interest your child—animals, stickers, little toys. In turn, one player claps 1 2 3 4 or 5 times. The other player closes their eyes and listens. How many claps did you hear? Take that many of the collection. Swap roles. The first to collect 10 things wins.

Spot the difference

Draw a row of 6 big coloured spots. One player shuts their eyes whilst the other covers some of the spots with some paper. How many spots are left? How many spots are hidden? Try with different amounts of spots.



One more, one less

◆ Take turns to roll the dice. Build a tower with that number of blocks. Now toss the coin. If you get heads, you add one on to the number of blocks. If you get tails, you take one away from the number. Answer correctly and you keep a block. First to 10 wins

Counting

 Practise counting—how far can you go? Now start at 5 and count on to 11. Can you count back from 7 to 0? Choose different numbers to start on.

Cupboard maths

 Sort food packets from the cupboard.
 Hold them in your hands to decide which is heavier and which is lighter.
 Try and put them in order.

