

## Ideas for using a number fan



Show me number .....6

Show me the number of fingers I am holding up  
(Repeat but adult shows number and child holds fingers up)

Show me the number of buttons we have counted

Show me the number before / 1 less than....

Show me the number after / 1 more than....

Show me the number of our house/flat

Show me the number day of your birthday

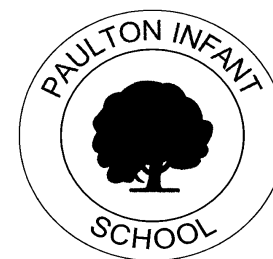
Show me the number to match how many coins I am holding

Show me the number of ..... toys cars you have

What other numbers can you make?

Make numbers that come up in a song e.g. Once I caught a fish a live,  
Ten Green bottles

What are the numbers on the car number plate?



# Paulton Infant School

# Maths ideas for Reception



# Reception maths

## Fun activities to try at home

### Rhymes

Teach your child any number rhymes or songs that you know, particularly ones that involve holding up a number of fingers, like *Five little speckled frogs*. Practise them regularly, with actions.

You can get counting songs on audio tape/CD for a very reasonable price.

### Recognising numbers

Choose a number for the week, e.g. 2.

Encourage your child to look out for this number all the time. Can your child see the number 2 anywhere?

- at home**
  - in the kitchen
  - on pages in a book
- in the street**
  - on doors
  - on car number plates
  - on buses
- while out shopping**
  - on the shop till
  - on shelves
  - in shop windows

Find two apples, toys, spoons, straws, sweets, etc.

Make patterns, such as two knives, two forks, two spoons, two knives, two forks, two spoons...

Practise writing the number 2.

Choose a different number each week

### Counting

Practise counting. Start at 5, and count on from there to 11. Start at 9, count back from there to zero.

Choose a different starting number each time.

### Build a tower

For this game you need a dice and some building blocks or lego bricks.



Take turns.

Roll the dice.

Collect the number of bricks to build your own tower.

The first to 10 wins!

For a change, start with 10 blocks or bricks each.

Take away the number on the dice. First to exactly zero wins.

### Roll a shape

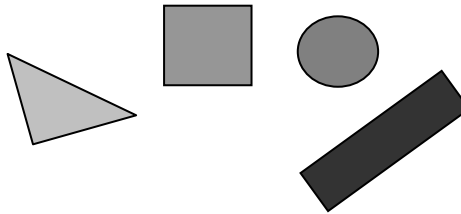
Cut out 12 shapes.

Make 3 triangles, 3 squares, 3 rectangles and 3 circles.

Take turns to roll a dice and collect a shape that has that number of sides, e.g. roll a 4, collect a square.

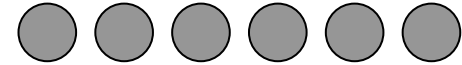
The first to have four different shapes wins.

If you can name each shape you go first next time!



### Spot the difference

Draw a row of six big coloured spots.



In turn, one player closes his or her eyes.

The other player hides some of the spots with a sheet of paper.

The first player looks and says how many spots are hidden.

Try with other numbers of spots, e.g. five or seven.

### Cupboard maths

Ask your child to help you sort a food cupboard out, putting **heavier** items on the lower shelf and **lighter** items on an upper shelf.



### Collections

You need something to collect, e.g. sticky shapes, dried beans.

In turn, one player claps 1, 2, 3, or 4 times while the other player closes his eyes and listens.

How many claps did you hear? Take that number of shapes.

The first to make a pattern with 12 sticky shapes wins.