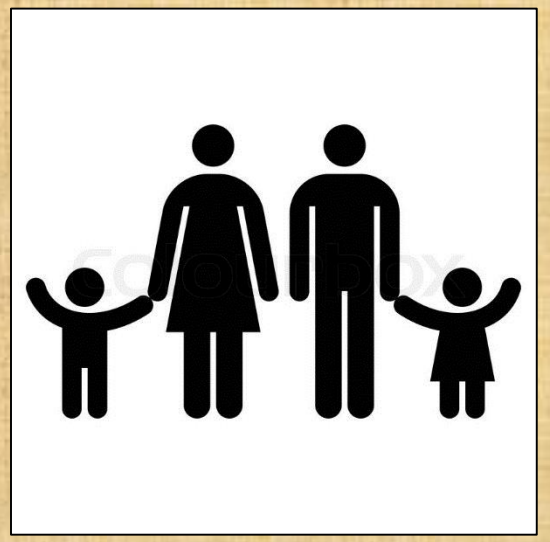
Floreat Wandsworth



Family Learning

Mathematics- Number

Mathematics

Mathematics involves providing children with opportunities to develop and improve their skills in:

- Counting, understanding and using numbers
- Calculating simple addition and subtraction problems
- Describing shapes, spaces, and measurement

Shape, Space and Measurement

- Children use everyday language to talk about:

-size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems.

- Children recognise, create and describe patterns.

- Children explore characteristics of everyday objects and shapes and use mathematical language to describe them.

Number

- Children explore and understand how to:

-count reliably with numbers from 1 to 20

-place numbers in order

-say which number is one more or one less than a given number

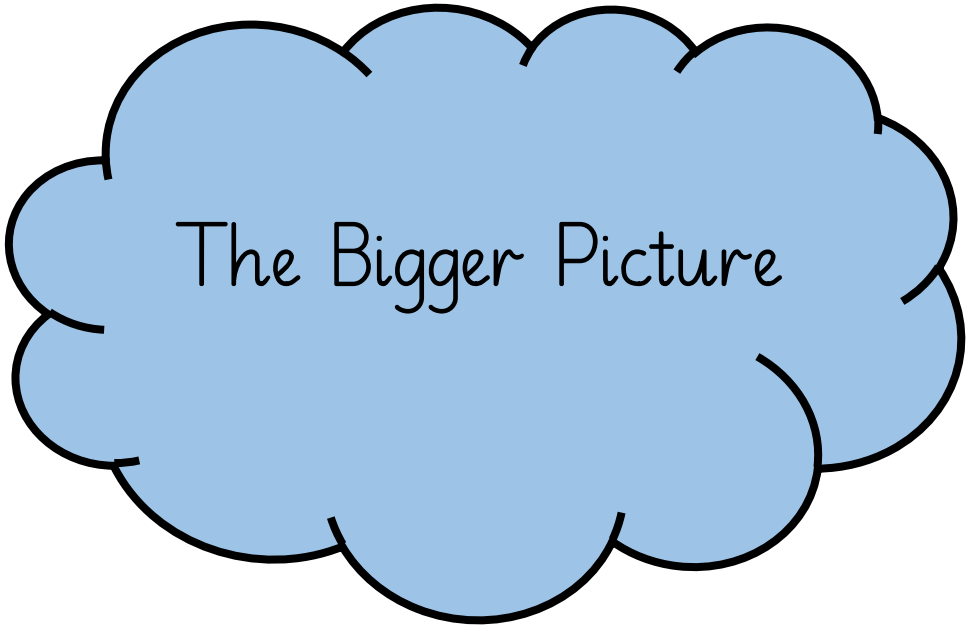
-add and subtract two single-digit numbers and count on or back to find the answer (using quantities and objects)

-solve problems, including halving and sharing.

Concrete, pictorial and abstract representations

Brings maths concepts to life and makes them more fun

Teaching various methods and strategies to solve a problem



Children are challenged through depth and consolidation throughout year

It sets children on a path towards numeracy skills and confidence in later life

Innovative approaches and resources, integrating with Core Knowledge where possible

Developing language and vocabulary

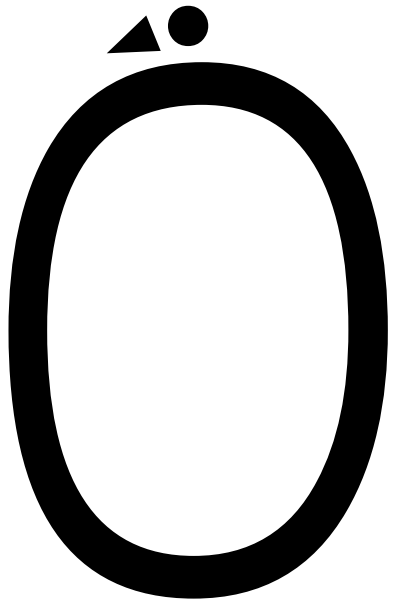
Gives children opportunity to make meaningful connections through play (making the abstract concrete)

What does it look like in the classroom ?

- Using number language *and* discuss strategies that can be used
- Support children's developing understanding of abstraction *(counting things that are not objects, such hops, jumps, clicks or claps)*
- Model and encourage use of mathematical language
- Number stories, singing, rhymes and finger plays *(using finger puppets, pictures etc)*
- Mark-making to support thinking about numbers and simple problems
- Numeral formation
- Recording findings in the form of drawing or a tally
- Role play and choosing `jobs' *(using money, recording numerals, creating quantities with various materials)*

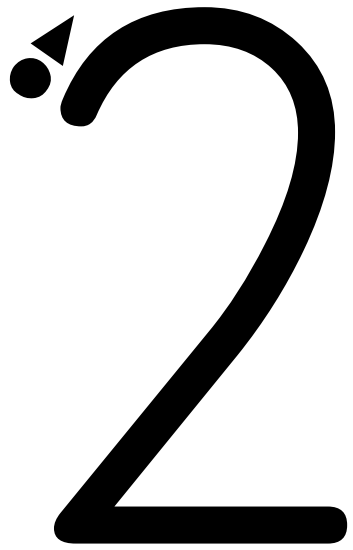
How to form the numerals

Around and around we go!

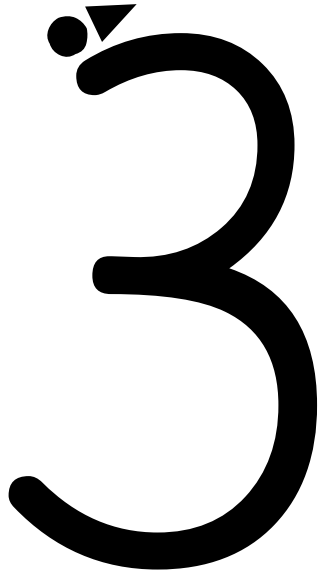


One is fun!

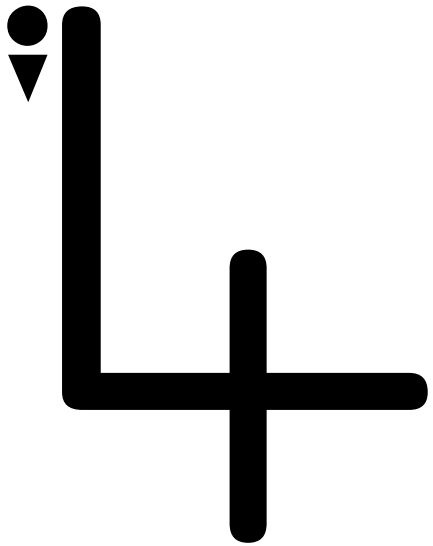
Around and back on the railway track!



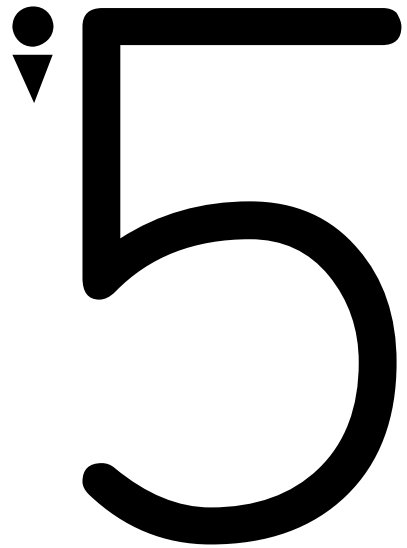
Around a tree and around a tree, that's the way we make a three!



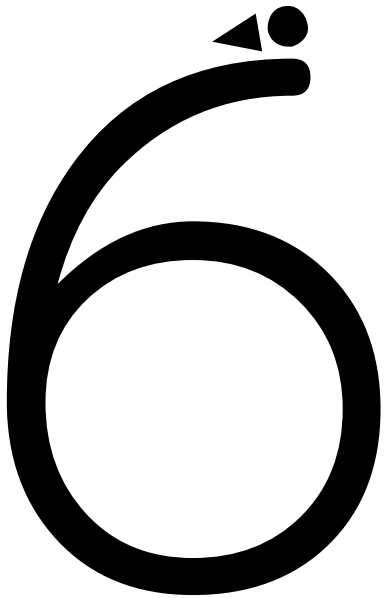
Down, across and down some more, that's the way we make a four!



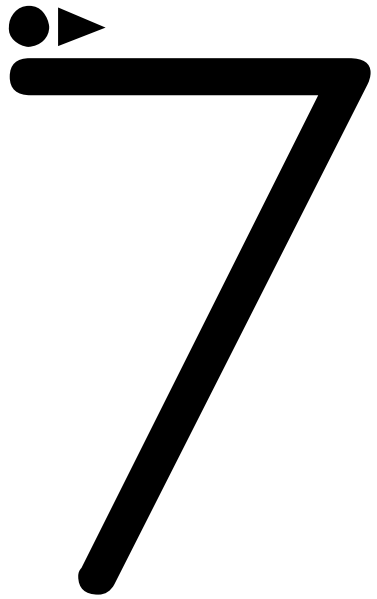
Fat old five goes down and around, put a hat on top!



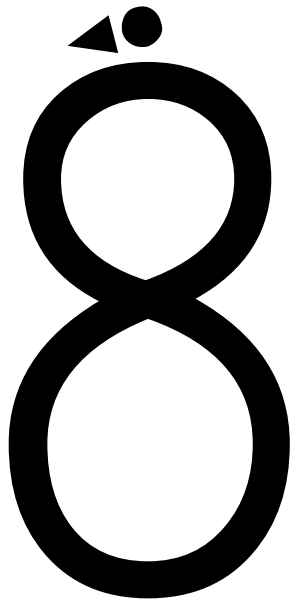
Down we go and make a loop, number six
makes a hoop!



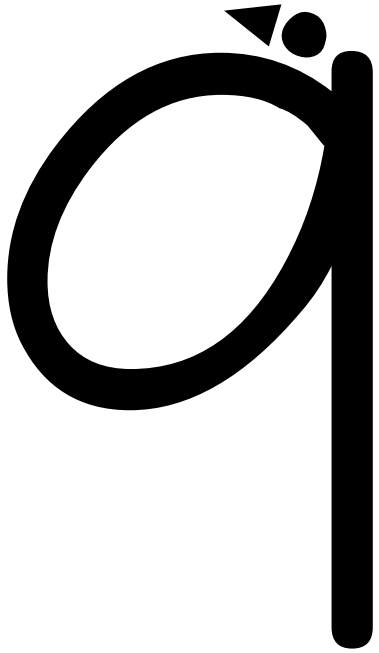
Number seven starts with a hat, then
goes down just like that!



We make a 's' but do not wait, we go
back up and shut the gate!



Make a loop and then a line, that's the way we make a 9!



Let's sing one of our favourites!

Dr Knickerbocker

Dr Knickerbocker, Knickerbocker number 9,

he likes to dance and keep in time.

Now let's get the rhythm of the feet!

Now we've got the rhythm of the feet!

Now let's get the rhythm of the number 9!

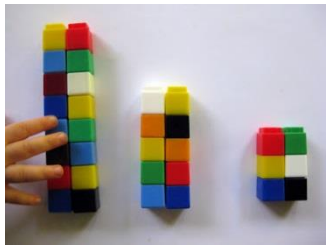
1, 2, 3, 4, 5, 6, 7, 8, 9!

(Repeat with hips, hands and head)

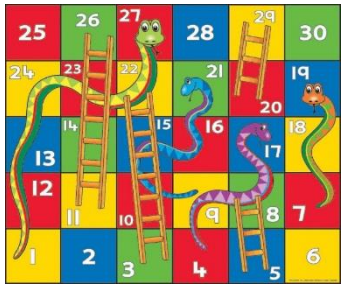
Number Activities

Making playdough minibeasts

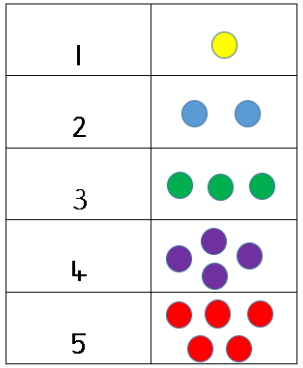
Building towers



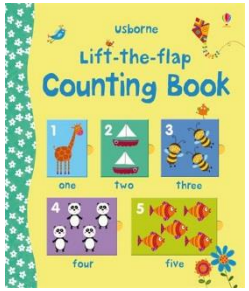
Snakes and Ladders



Memory match



Number songs and stories



Numeral formation

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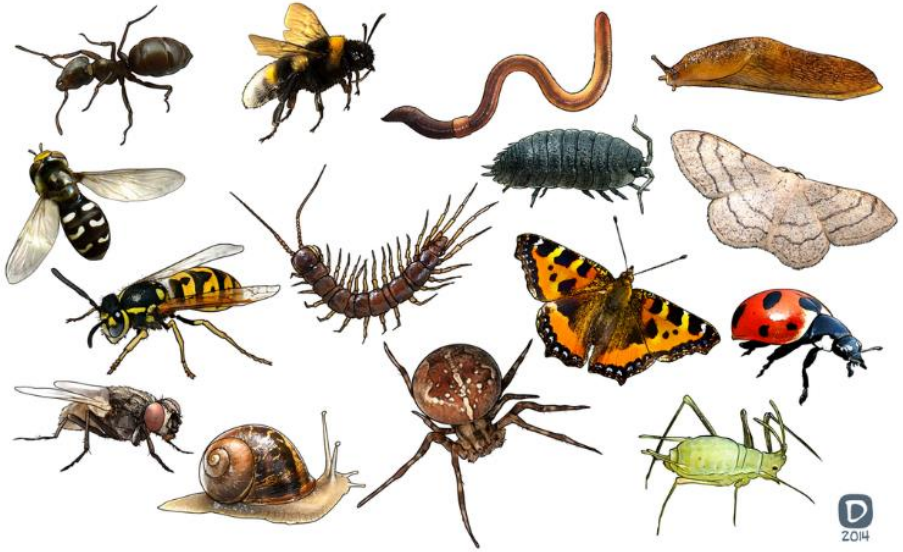
Making Playdough Minibeasts



How many legs does your minibeast have ?

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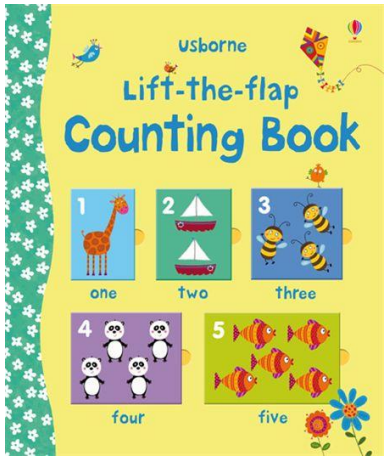
Number Stories and Songs



Can you read some number stories and sing some number songs ?

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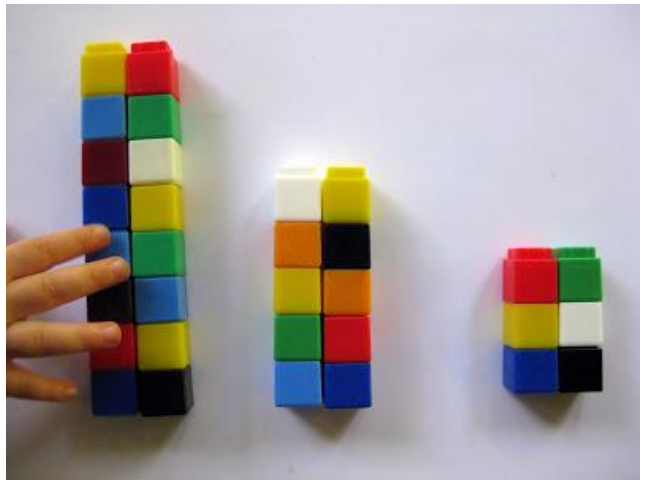
Build a Tower



Can you build a tower with the cubes ? Carefully count the number of cubes in your tower .

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Numeral Formation

Can you practise writing numerals on the whiteboard ?

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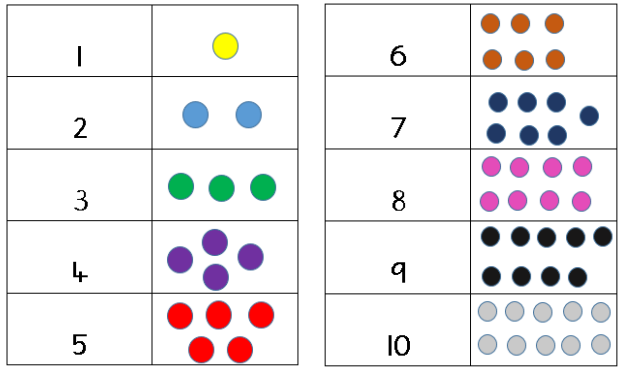
Memory Match



Can you match the numeral with the correct quantity ?

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Snakes and Ladders

Can you take turns with your partner and move your counter the correct number of spaces ?