

Place value at Cupernham Infant School

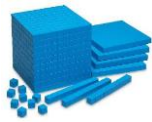
Key vocabulary

- Tens
- Ones
- More
- Less
- Most
- Fewest
- Number family.
- Counting.

BIG IDEA

The position (place) of a digit in a number determines its value.

Resources the children use in school.



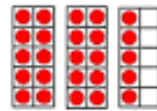
Base 10



Numicon



counters



Tens frames



Straws



Tens frames

What the children will learn in Year 1

- To count forwards and backwards to 100.
- To read and write numbers to 100 in words and count in 2s, 5s and 10s.
- To identify 1 more and 1 less than a number.
- To represent numbers in different ways.

What the children will learn in Year 2

- To compare and order numbers to 100.
- To use place value and number facts to solve problems.
- To use $<$ $>$ $=$ signs correctly.
- To count in steps of 2, 3, 5 and 10 from any number, forward and backwards.

Please see the 'Learning Support-Maths' videos section of our website to see how this looks to the children.

The screenshot shows the 'Videos' section of the school website. At the top, there is a navigation bar with links: Home, About Us, Key Information, Curriculum, News, Home Learning, Parents, Blog, Governors, Videos. Below the navigation bar, the page title is 'Videos'. There is a 'Filter Videos' section with buttons for 'All', 'Lively Learning', 'Challenges', 'Story Telling', 'Learning Resources', 'Learning Support - Literacy', and 'Learning Support - Maths'. Below the filters, there are three video thumbnails. The first is titled 'Number Formation' and shows the numbers 2, 3, 4, 5 being written on a blue background. The second is titled '6 - Counting and' and shows a play button. The third is titled '7 - Counting and' and shows a play button.

Some ideas to support learning at home.

Count everyday objects around the house.

Estimate with your child. Do you think there are more or fewer than ___? How many ___ do you think there are?

Count up coins of the same value in piggy banks to practise counting in number families.

Play board games with numbers or card games and make sure the children know the number they are on.

Practise counting in 2s, 5s, 10s or 3s when going up or down the stairs.

Look at the price of items in a shop and ask which costs more.

Go on an outdoor scavenger hunt. Set challenges linked to numbers e.g. collect me 20 leaves or Make the number 35 out of sticks.

Websites to visit for interactive games:

<http://www.ictgames.com/mobilePage/placeValue.html>

<https://www.topmarks.co.uk/Search.aspx?q=place%20value>

<https://www.bbc.co.uk/bitesize/topics/z8sfr82/articles/zw4g2nb>