

NUMBER and PLACE VALUE (to 20) KNOWLEDGE ORGANISER

Year 1

Overview



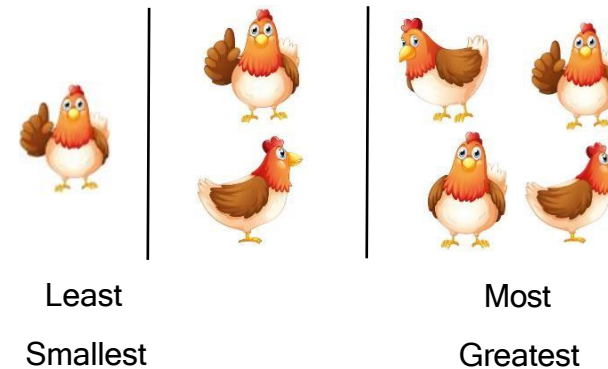
In our unit on number and place value we learn to:

- Count Forwards and Backwards to 20
- Write Numbers to 20 in Numerals and Words
- Tens and Ones
- Count One More and One Less
- Compare/Order Groups
- Compare/Order Numbers

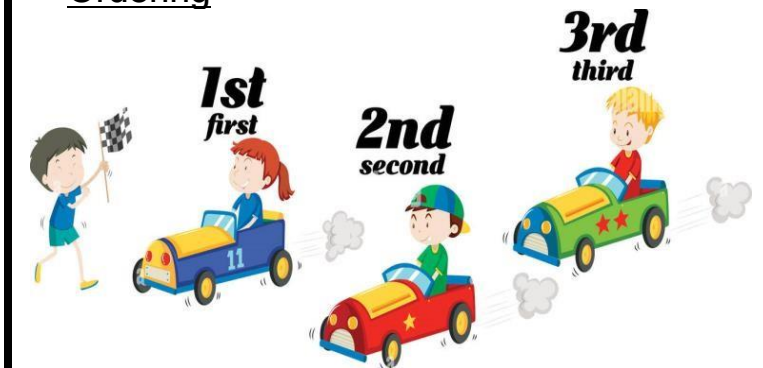
Number and Place Value is useful learning because it is the foundation for all other maths. It helps us to understand the value of digits of numbers and to use mental calculation methods. It helps us to use maths functionally in many areas of our lives.

Comparing and Ordering/ Counting in Twos

Comparing



Ordering



Counting in Twos



Numbers to 20/ Counting 1 More and 1 Less

Numbers to 20 (numerals and words)

1	one	11	eleven
2	two	12	twelve
3	three	13	thirteen
4	four	14	fourteen
5	five	15	fifteen
6	six	16	sixteen
7	seven	17	seventeen
8	eight	18	eighteen
9	nine	19	nineteen
10	ten	20	twenty

Counting 1 More and 1 Less

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1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

One more than 4 is 5.
5 is one more than 4.

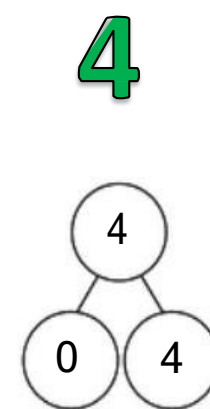
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1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

One less than 16 is 15.
15 is one less than 16.

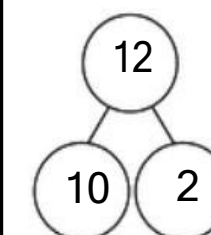
Representations

There are many different ways that we can show numbers. Examples below for 4 and 12.



Tens	Ones

12



Tens	Ones

Key Vocabulary

Number Digit Least Smallest Greatest Ones Tens First Second Third More Less