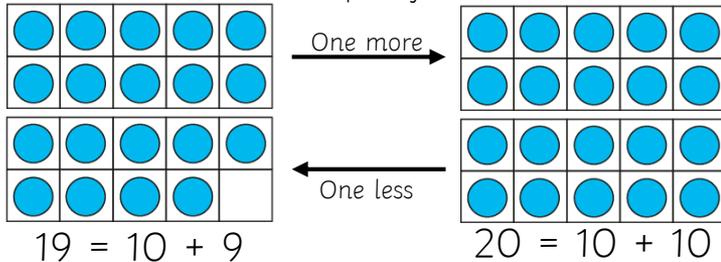|	Castlefield School- Maths		
Topic: Numbers to 20	Year: One		Theme: Place Value

Key concepts and questions

How do we know the value of each number?
- It is important to recognise the value of each digit in a two digit number. This helps with addition and subtraction too.
- When we count the ones digit and tens digits change.
- When we add one to a number that ends in 9, we cross into the next multiple of 10.
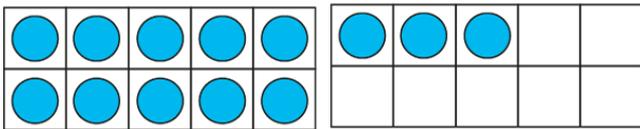
One more →

One less ←

19 = 10 + 9   20 = 10 + 10

Key Vocabulary

Tens	The number of 10s in a number. There is one ten in 15		
Ones	The number of ones in a number. There are 5 ones in 15		

10s	1s
1	5

partition	To break a number into parts, like tens and ones
One digit number	A whole number made of one numeral
Two digit number	A whole number made of two numerals

Greater than	Less than	Equal to
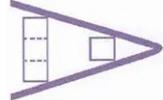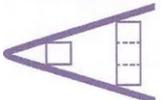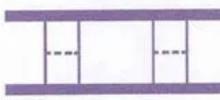
Representations

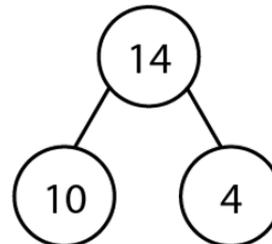**Ten frames**: Count on from 10, for numbers to 20

Bead string: This helps with partitioning into tens and ones and finding one more and less than a number

Place value grid: Shows how many tens and how many ones

10s	1s
1	3

Part whole model: This helps to organise representations of numbers from 1 upwards. It supports the composition of numbers.

14
10   4

Prior learning

Like with numbers to 10, it is important to continue using 1:1 correspondence for counting to 20. .

Always count on, not count all.