



# Y2 Number and Place Value



## MATHS KNOWLEDGE ORGANISER

ESSENTIAL VOCABULARY	
<b>Hundreds</b>	The first number in a three digit number for example <b>1</b> 23
<b>Tens</b>	The first number in a 2 digit number. For example <b>2</b> 0
<b>Ones</b>	The only number in a single digit number. For example <b>1</b>
<b>Zero</b>	No number.
<b>Place Value</b>	Helps us know the value of a digit, depending on its place in the number.
<b>Greater than</b>	Bigger than.
<b>Less Than</b>	Smaller than.
<b>Order</b>	How numbers are arranged.
<b>Partition</b>	Spilt a number up into smaller parts.
<b>Digit</b>	A single number.

### Visual Representation

Numbers can also be shown in a ten frame.

This shows a complete ten and 7 ones. This means that it shows the number 17.

$36 = 36$   
equals

$26 < 34$   
less than

$24 > 19$   
greater than

### Stem Sentences

It is between      and      because  
 It is smaller than      because  
    can be regrouped into      and  
    plus equals      .  
 The different between      and      is  
 The total of      and      is

### Key concepts

- Recognising the place value of each digit in a two digit number.
- Read and write numbers up to 100 in numerals and in words.
- Compare and order numbers from 0 up to 100.
- Partitioning tens and ones.
- Understanding place value charts.
- Counting in 2s, 3s, 5s and 10s

### LINKS TO PREVIOUS LEARNING

- Counting and comparison ( more, less, fewer ) – 1LS 3
- Numbers to ten- finding patterns in numbers – 1LS 2
- Estimating and ordering – 1LS4
- Regrouping the whole – 1LS5
- Numbers to ten – Using part or whole unknown – 1LS7
- Numbers to ten – Comparison 1LS8
- Numbers to ten – Equality and Balance – 1LS9
- Numbers to 20 – Making 10 and some more – 1LS10
- Numbers to 20- Estimating and ordering – 1 more and 1 less – 1LS11
- Numbers to 20 – Doubling and halving – 1LS12
- Numbers to 20- Odd and even numbers 1LS13

### Maths Mastery

Can you regroup this amount using 10p coins?

True or False?  
 When you add three single digit numbers together, the answer is always odd?