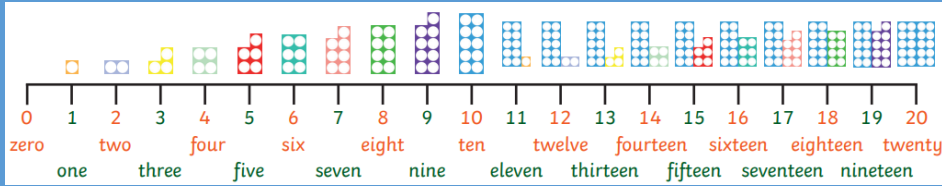




# Year 2 Knowledge Organiser - Place value

## PRIOR LEARNING & OVERVIEW

### Year 1



### Year 2

Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.

Recognise the place value of each digit in a two-digit number (tens, ones).

Identify, represent and estimate numbers using different representations, including the number line.

Compare and order numbers from 0 up to 100; use  $<$ ,  $>$  and  $=$  signs.

Read and write numbers to at least 100 in numerals and in words. Use place value and number facts to solve problems.

### Key Vocabulary

Place value	Partition	
Hundreds	Tens	Ones
Digit	zero	
Greater than $>$	Less than $<$	Equal to $=$
Compare	Order	

### Read, Write and Represent Numbers to 100

14	fourteen	one ten four ones			<table border="1"><tr><td>Tens</td><td>Ones</td></tr><tr><td>●</td><td>●●●</td></tr></table>	Tens	Ones	●	●●●	
Tens	Ones									
●	●●●									
29	twenty-nine	two tens nine ones			<table border="1"><tr><td>Tens</td><td>Ones</td></tr><tr><td>●●</td><td>●●●●●</td></tr></table>	Tens	Ones	●●	●●●●●	
Tens	Ones									
●●	●●●●●									
42	forty-two	four tens two ones			<table border="1"><tr><td>Tens</td><td>Ones</td></tr><tr><td>●●●●</td><td>●●</td></tr></table>	Tens	Ones	●●●●	●●	
Tens	Ones									
●●●●	●●									

### 2-Digit Numbers

**26**

twenty	six
20	6

### Compare Numbers

<table border="1"><tr><td>Tens</td><td>Ones</td></tr><tr><td>●●</td><td>●●●●</td></tr></table>	Tens	Ones	●●	●●●●	$36 = 36$ equals	<table border="1"><tr><td>Tens</td><td>Ones</td></tr><tr><td>●●</td><td>●●●●</td></tr></table>	Tens	Ones	●●	●●●●
Tens	Ones									
●●	●●●●									
Tens	Ones									
●●	●●●●									
	$26 < 34$ less than									
	$24 > 19$ greater than									

### Counting

Counting in 2s  
0 2 4 6 8 10 12 14 16 18 20

Counting in 3s  
0 3 6 9 12 15 18 21 24 27 30

Counting in 5s  
0 5 10 15 20 25 30 35 40 45 50

Counting in 10s  
0 10 20 30 40 50 60 70 80 90 100

### Order Numbers

$37 < 39 < 42$

45	48	52	53	61
smallest				greatest