




# Year 2 Number and Place Value

## Prior Knowledge

- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number (Y1)
- Count, read and write numbers to 100 in numerals (Y1)
- Count in multiples of 2s, 5s and 10s (Y1)
- Identify 1 more and 1 less (Y1)
- Read and write numbers from 1 to 20 in numerals and words (Y1)

Number		Working Towards	Within	Expected	Above
	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forwards and backwards				
	Recognise the place value of each digit in a two-digit number (10s, 1s)				
	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				
Highlights: _____ _____					



## Glossary

vocabulary	word class	definition
number	noun	a symbol or word that tells you how many of something there are; a numeral or figure
place value	noun	the numerical value that a digit has by virtue of its position in a number
forwards	adverb	in the normal order or sequence
backwards	adverb	in reverse of the usual direction or order
multiples	noun	a number that may be divided by another a certain number of times without a remainder
more >		a greater or additional amount of something
most		greatest in amount, quantity, or degree
less <		a smaller amount or quantity of something
fewest		used to emphasize how small a number is
equal (to) =	adjective	being the same in quantity, size, degree, or value
tens	number	a group or unit of ten people or things
ones	number	a single person or thing
estimate	verb/noun	roughly calculate or judge the value, number, quantity
numerals	noun	a figure, symbol, or group of figures or symbols denoting a number

# Resources

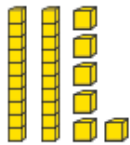
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



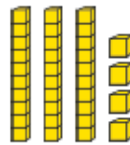
Tens	Ones
3	6

36 = 36  
equals

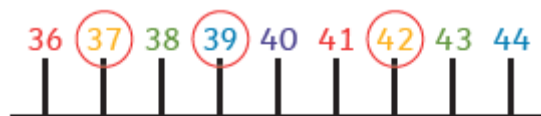
Tens	Ones
3	6



26 < 34  
less than



24 > 19  
greater than



37 < 39 < 42

45	48	52	53	61
smallest				greatest

hundreds

tens

ones

zero

place value

greater than

less than

order

partition

digit

Counting in 2s

0	2	4	6	8	10	12	14	16	18	20
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Counting in 3s

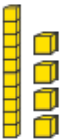





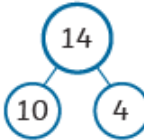


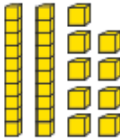





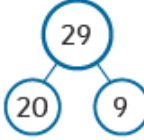


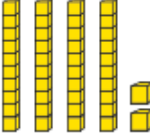





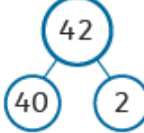


0	3	6	9	12	15	18	21	24	27	30
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Counting in 5s

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

0	10	20	30	40	50	60	70	80	90	100
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14	fourteen	one ten four ones			<table><tr><th>Tens</th><th>Ones</th></tr><tr><td></td><td></td></tr></table>	Tens	Ones			
Tens	Ones									
										
29	twenty-nine	two tens nine ones			<table><tr><th>Tens</th><th>Ones</th></tr><tr><td></td><td></td></tr></table>	Tens	Ones			
Tens	Ones									
										
42	forty-two	four tens two ones			<table><tr><th>Tens</th><th>Ones</th></tr><tr><td></td><td></td></tr></table>	Tens	Ones			
Tens	Ones									
										



## Future Learning

### Year 3

- Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)
- Compare and order numbers up to 1,000
- Identify, represent and estimate numbers using different representations
- Read and write numbers up to 1,000 in numerals and in words
- Solve number problems and practical problems involving these ideas

### Year 6

- Read, write, order and compare numbers up to 10 000 000 (ten million) and determine the value of each digit

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O