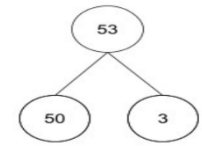


Year 2

Maths



We are learning about... **Place Value**

What do we need to know?

Must: I must be able to count forwards and backwards from 0-20-0 (and remember to say the teen numbers on the way back and not 'ty' numbers). I must be able to recognise and write all the numbers to 20.

Should: I should be able to count forwards to 100 **Take care when crossing the tens (57 58 59 ?)** I should recognise and write all the numbers to 100 and know what each digit is worth. 58 = The 5 is worth 50 and the 8 is worth 8)

Could: I could count forwards and backwards to 100 **Take care when crossing the tens (63 62 61 60 ?).** I could also order 2-digit numbers.

Place Value Vocabulary

Number, digit, place value (the value each digit is worth in a number), number line, part-whole model, tens, ones, represent (to show or record), compare, order.

Count the tens and ones.

80 3

Tens	Ones
8	3

$80 + 3 = 83$

$83 = 8 \text{ tens } 3 \text{ ones}$

matholia

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

Key Questions

- 1) What is a digit? (the single numbers used to represent values) 0 1 2 3 4 5 6 7 8 9
- 2) Can you tell me a 2-digit number?
- 3) Can you tell me a 2-digit number higher or lower than...?
- 4) Can you tell me a 2-digit number in between and?
- 5) Which is the highest/lowest 2- digit number? How do you know?
- 6) What is each digit worth in a 2-digit number?

Helpful Websites

Paint the square Splat: <https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

Counting to 100 fitness song:

https://www.youtube.com/watch?v=0TgLf3PMOc&ab_channel=JackHartmannKidsMusicChannel

Counting and representing tens and ones:

https://www.youtube.com/watch?v=DS99Juf1fBs&ab_channel=MatholiaChannel

REMEMBER: Always stay safe online. Ask an adult to look at these links with you. Never share your information with people online that you do not know.

Extra Mile Activities

- 1) Choose a number and draw a whole-part model to split the number into tens and ones. You could write the calculations too!
- 2) Make a 2-digit number using different objects and group the objects into tens and ones. You could write what each digit is worth too?
- 3) Can you count to 100 and clap or do a funny dance on each ten number (10, 20, 30 etc)
- 4) Choose ten numbers up to 100 (or beyond) and put them in order.