Maths

Numbers to 50

Objective of this unit:

We will be able to:

- Count up to 50
- Compare numbers to 50
- Order numbers to 50
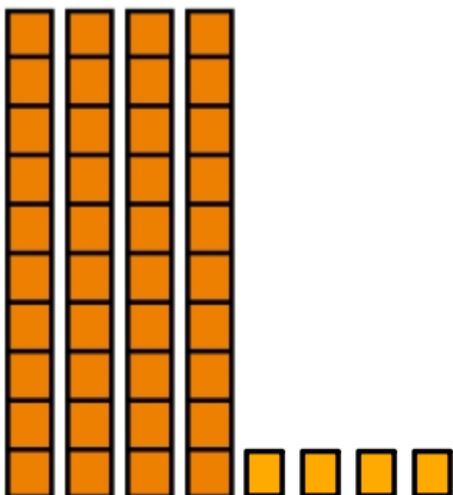- Count in 2s, 5s and 10s to 50
- Solve word and picture problems.

Words to be familiar with for this unit:

Counting, Addition, Subtraction, compare, order, less than (<), greater than (>), twos, fives, and tens.
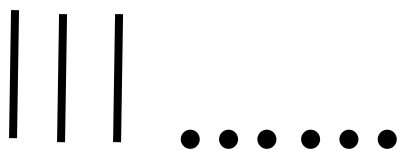

Practice counting from 0 to 50.

Count in 2s, 5s and 10s too.

Count objects, use counters if you have them, or lego bricks or you can choose a number and draw it on your whiteboard. Group your number into tens and ones to make counting them easier. E.g. 44 would look like this:
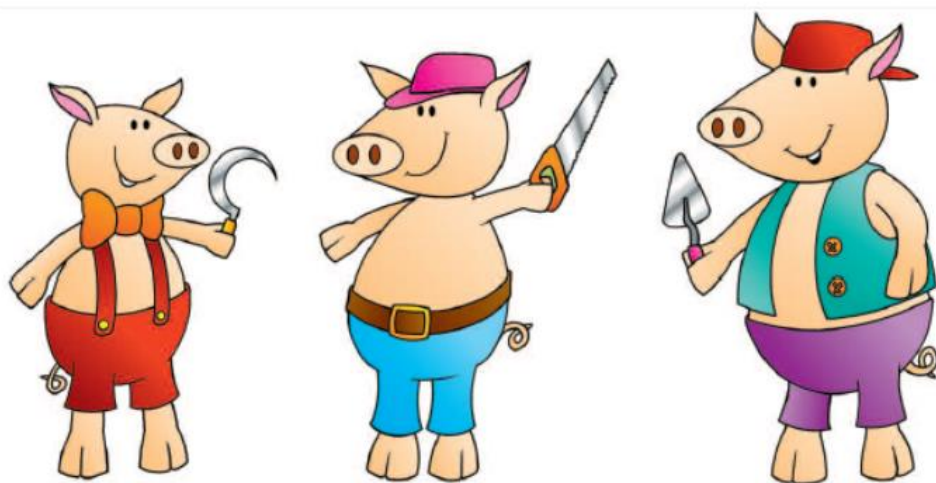
Use lines and dots to represent them your tens and ones. E.g. 36 would look like this:

||| ● ● ● ● ● ●

Practice your counting Match of the Day style with this fun clip.
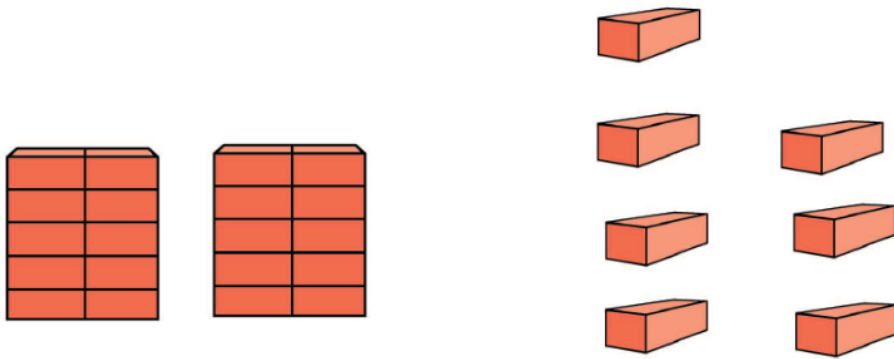https://www.bbc.co.uk/teach/supermovers/ks1-maths-counting-with-john-farnworth/zbct8xs

The three little pigs need some help counting before building their homes.

How many logs does the little pig have? He has grouped them into tens to make it easier.

How many bricks does his brother have?

Use a hundred square to play number splat. Splat a number, say the number, draw the number, write the number. How many tens and ones make this number?

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

Can you compare numbers? Choose two numbers between 0 and 50, which is greater which is smaller. How do you know?

Use smaller than ⟨, greater than ⟩ or equal too = symbols e.g.

42 ⟩ 25. Remember the wide part of the arrow is always next to the larger number.

Think about how many tens and how many ones the number has.

a)
☐ > 34

| 30 | 39 | 34 |
| 35 | 31 | 33 | 38 |

b)
☐ < 49

| 42 | 40 | 46 |
| 45 | 43 | 48 |

Talk about 1 more or 1 less. Use your 100 square to work out the answers to the following puzzle:

There are 50 🍬 in the jar.
Take one 🍬 out.
How many 🍬 are there now?
Take one more 🍬 out.
How many 🍬 are there now?

Play missing numbers to secure your knowledge of numbers to 50. What numbers are the lily pad, frog and pond hiding here?

What are the missing numbers here?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15		17	18	19	20
21		23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	
41	42		44	45	46	47	48	49	50

Filip and Molly are making numbers.
Filip is making the tens.
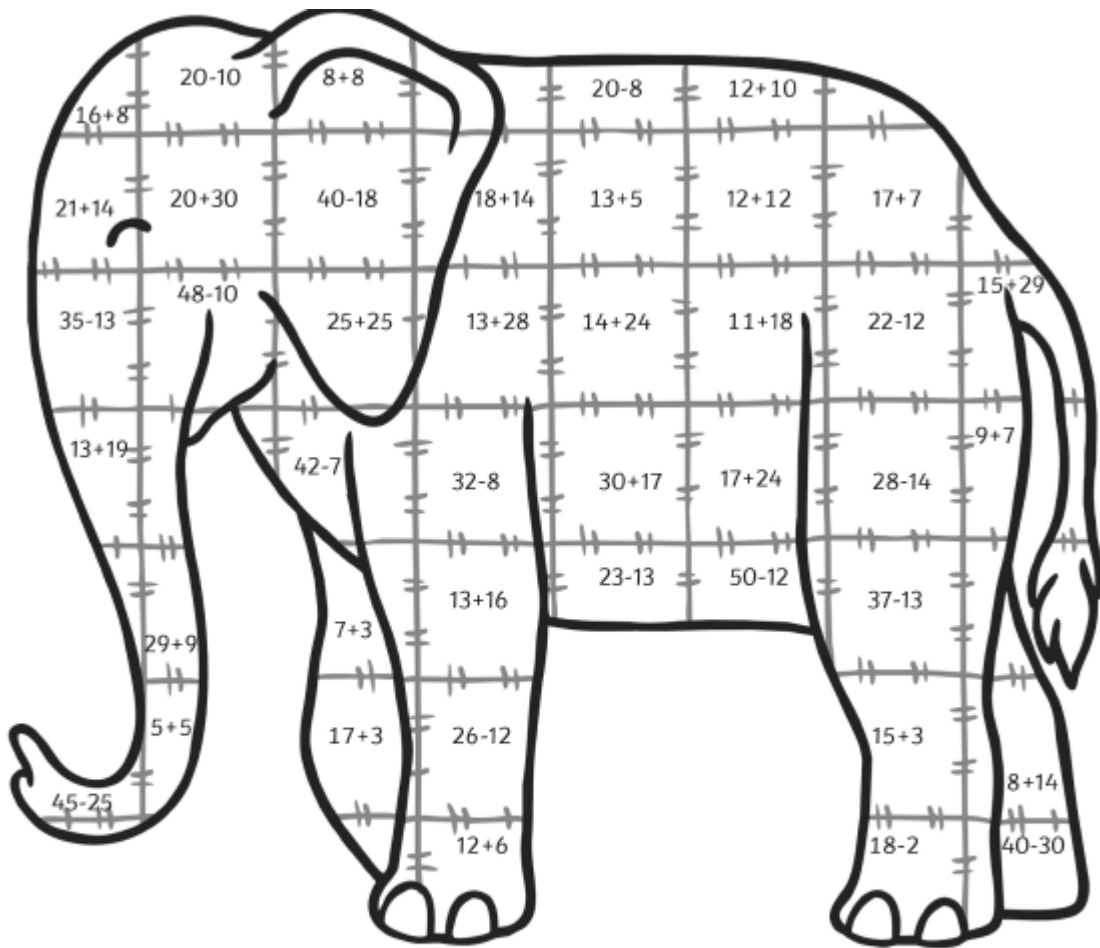Molly is making the ones.
Choose the number they make each time.

(Filip)	4 tens	(Molly)	[ones]	24
				42
(Filip)	[tens rods]	(Molly)	2 ones	20
				22
(Filip)	I have one.	(Molly)	I have three.	13
				31

Use your knowledge of the number 50, thinking about your tens and ones to order the following numbers from smallest to largest on your whiteboard.

35 **25** **41** **27**

Addition and Subtraction from 1 to 50.
Practice these addition and subtraction problems using your 100 square to count on (adding) and count back (subtraction) to mosaic our elephant.

Elephant colour-by-number puzzle:

20-10   8+8   20-8   12+10
16+8

21+14   20+30   40-18   18+14   13+5   12+12   17+7

48-10   15+29
35-13   25+25   13+28   14+24   11+18   22-12

13+19   42-7   9+7
                32-8   30+17   17+24   28-14

                        23-13   50-12
        13+16   37-13
29+9   7+3

5+5   17+3   26-12   15+3

45-25   8+14
        12+6   18-2   40-30

10 or 29 = yellow   18 or 41 = purple
12 or 32 = orange   20 or 44 = black
14 or 35 = blue   22 or 47 = pink
16 or 38 = red   24 or 50 = green

Can you solve this word problem?

The Scouts are selling 🍪.
They have 20 boxes of 🍪.
They sell 5 boxes in the morning.
They sell 9 boxes in the afternoon.
How many boxes do they sell in total?