

Know Your Numbers Challenge!

What is it?

The aim of which is to build up their confidence in all aspects of children's number work. This booklet explains all stages of the challenge and how you can be involved in this exciting challenge.

This challenge takes place first thing every Monday morning!

How does it work?

The Know Your Number Challenge takes place in different steps.

Step 1 (to recognise numbers up to 30)

Children are asked to write the missing numbers in the boxes to see if they recognise numbers up to 30. Here is an example of how the challenge is presented to the children and the types of questions they will be asked. We will give the children 2 minutes to complete this challenge because they love working against the clock!

1		3	4	5	6	7	8	9	
	12	13	14			17	18		20
21	22	23		25	26	27		29	30

Step 2 (to recognise numbers up to 50)

Children are asked to write the missing numbers in the boxes to see if they recognise numbers up to 50. Here is an example of how the challenge is presented to the children and the types of questions they will be asked. We will give the children 3 minutes to complete this challenge.

1		3	4	5		7		9	10
11	12	13			16	17	18		20
	22	23	24	25	26	27		29	30
31		33	34		36	37	38		40
	42	43		45			48	49	

Step 3 (to recognise numbers up to 80)

Children are asked to write the missing numbers in the boxes to see if they recognise numbers up to 80. Here is an example of how the challenge is presented to the children and the types of questions they will be asked. We will give the children 4 minutes to complete this challenge.

1		3	4	5	6	7	8	9	
	12	13	14			17	18		20
21	22	23		25	26	27		29	30
31		33	34	35		37	38	39	
41	42	43		45	46		48		50
51		53	54	55		57	58	59	60
61	62	63	64		66	67		69	70
	72	73		75	76	77	78		80

Step 4 (to recognise numbers up to 100)

Children are asked to write the missing numbers in the boxes to see if they recognise numbers up to 100. Here is an example of how the challenge is presented to the children and the types of questions they will be asked. We will give the children 4 minutes to complete this challenge..

1	2	3		5	6	7	8		10
11	12		14	15	16	17		19	
	22	23		25	26		28	29	30
31		33	34	35		37	38	39	
41	42	43	44		46	47	48		50
51		53	54	55		57		59	60
	62	63		65	66		68		70
71	72		74		76	77	78	79	80
81	82	83		85		87		89	
91		93	94	95	96		98	99	100

Step 5 (to count back from 30).

30	29			26		24	23	22	
		18	17		15		13		11
10	9		7	6		4	3	2	

Step 6 (to count back from 40)

	39	38			35	34			
30	29			26		24	23		21
		18		16	15	14		12	11
10			7	6	5		3	2	

Step 7 (to count back from any number under 50).

We have realised that the children find it more difficult to count backwards rather than forwards so step 5, 6 and 7

involves the children filling in the missing numbers in a sequence by counting back. The more you can practise

counting backwards with your children then the more confident they will be with this step of the challenge. They are given 3 minutes to complete this challenge!

Fill in the missing numbers:

12, 11, 10, _____, _____, _____

17, 16, 15, _____, _____, _____

22, 21, 20, _____, _____, _____

25, 24, 23, _____, _____, _____

34, 33, 32, _____, _____, _____

45, 44, 43, _____, _____, _____

Step 8 (linking numbers and words to 10)

Children will be asked to write the correct number next to the word.

six
one
ten
five
nine
two
eight
three
seven
four

Step 9 (linking numbers and words to 20)

Children will be asked to write the correct number next to the word.

eleven
twelve
thirteen
fourteen
fifteen
sixteen
seventeen
eighteen
nineteen
twenty

Step 10 (odd and even numbers)

The children will be asked to sort the odd and even numbers.

Here is an example:

odd	even

12 14 13 15 10 9 7
6 2 0 4 3 5

**This is the end of the Know Your
Numbers challenge!**

Now, children move on to the Number Bonds Challenge.