

Counting groups of objects

Favourite toys
Cars, Trains
Buttons in a jar
Bubbles
Jenga blocks
Shells and pebbles
Pairs of socks, gloves
Arrays
Playing cards
Group objects in 2s, 5s, 10s
Counters in a circle
Structured/random objects

Counting abstract ideas

How many numbers are there between 5 and 12?

Counting actions

How many claps/jumps/skips can you do in a minute?

Games

Snakes and ladders
Darts
Dominoes
Monopoly
Snap (match number/object)
Elefun

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

100 Square

Spend time looking at the 100 square and talking about the patterns. See if your child can notice the patterns and explain how and why the numbers change. This is really important to develop

Understanding of the Number System.

The rows (going across) show the numbers counting on or back by 1 each time (called units or ones) and after 9 units we change

Maths at home



This booklet explains some of the key areas of the National Curriculum for Maths and the expectation for each year group. There are examples of how you can support your child at home and some useful websites.

☺ Mrs Bruce Numeracy Coordinator

Counting

Expectations by the end of each year

Year One

- Count to and across 100, forwards and backwards beginning with 0 or 1, or from any given number.
- Count, read and write numbers to 100 in numerals.
- Count in multiples of 2s, 5s and 10s forwards and backwards.

Year 2

- Count in steps of 2, 3, and 5 from 0.
- Count in 10s from any number forwards and backwards.
- Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.
- Write simple fractions e.g. $\frac{1}{2}$ of 6 = 3
- Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$

Year 3

- Count from 0 in multiples of 4, 8, 50 and 100
- Find 10 or 100 more or less than a given number
- Count up and down in tenths
- Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10

Year 4

- Count in multiples of 6, 7, 9, 25 and 100
- Count backwards through 0 to include negative numbers
- Count up and down in hundredths
- Recognise that hundredths arise when dividing an object by a hundred and dividing tenths by 10

Year 5

- Count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000
- Interpret negative numbers in context
- Count forwards and backwards with positive and negative whole numbers through 0

Year 6

- There are no specific references to counting in Year 6

Here are some examples of
ways you can help at home:

Songs and Rhymes

*Adapt these to count up
or in steps up and down*

Five Currant Buns

1,2,3,4,5

Five little speckled frogs

10 Green Bottles....2 fall

20 in the bed 5 fell out

20 fat sausages 2 went....

Odd and Even Song

Counting number sequences

forwards and backwards
out loud or in your head

Clapping Hands

Clicking Fingers

Patting your Lap

Banging a drum

Jumping

Counting Money

Have coins the same value
or a mix of values

Use different value coins to
count up in different times
table patterns

1p, 2p, 5p, 10p, 50p, £1, £2

Listen to coins being dropped
in a tin (1+ and -1 and 10+
and -10)

Counting on/back Counting from...to

Pull numbers from a bag and
count on/back in 1s or in
steps (2s, 5s, 10s)

Miscounting using a puppet

Rolling a dice

Throwing/catching a ball

Darts