



# Maths in KS1

# How do we do this in Reception?

- Use play and exploration
- Practical
- Fun and interesting
- Child led and adult led

# By the End of Reception...

- Children count reliably with numbers from one to 20.
- Place them in order and say which number is one more or one less than a given number.
- Using quantities and objects, they add and subtract two single digit numbers.
- They solve problems, including doubling, halving and sharing.

# Some activities to support Number in Reception

- Singing songs that take away or add things e.g. 10 green bottles & 5 little speckled frogs.
- Use all counting opportunities: stairs, people, buttons.
- Look at numbers in the environment, doors watches, clocks- Go on a number hunt, how many 10's can you find.
- Throwing beanbags/balls at numbered targets and adding up scores – who scored the most? The least?
- Use magnetic numbers. Put them in order. Miss one out of a sequence – do they know which one is missing?
- Numicon and cubes to enable children to understand the numbers and use them for addition and subtraction.

# Everyday Activities..

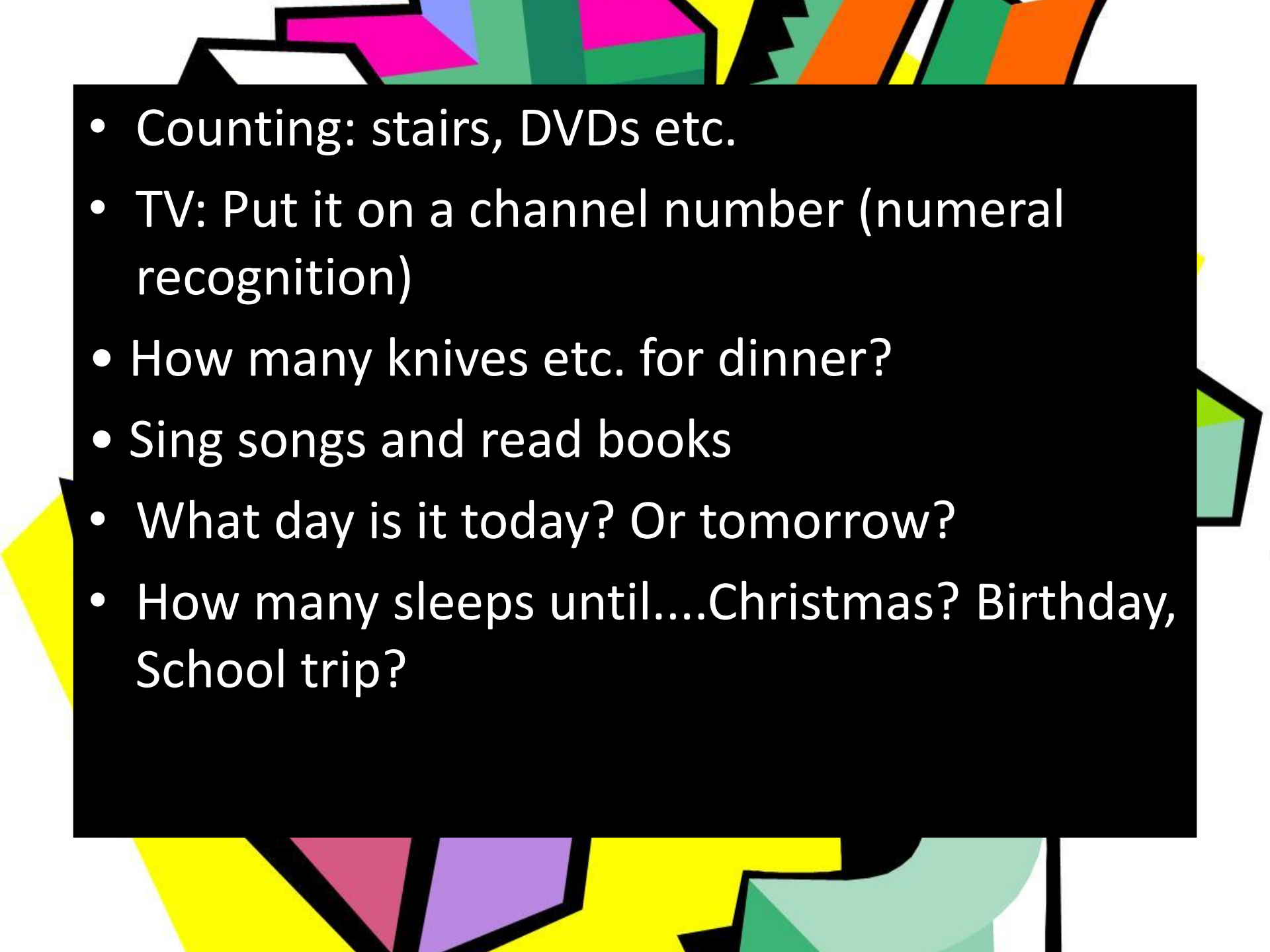
## Doing the washing

- Sorting by colour
- Sorting by size
- Counting the total number
- Counting in 2s
- Matching/pairing up socks

# At Home...

## Going on journeys,

- Look at door numbers.
- look at colours of cars.
- Count objects (cars, people, trees etc.)
- How many numbers can you find?

- 
- Counting: stairs, DVDs etc.
  - TV: Put it on a channel number (numeral recognition)
  - How many knives etc. for dinner?
  - Sing songs and read books
  - What day is it today? Or tomorrow?
  - How many sleeps until...Christmas? Birthday, School trip?

# Outside..

## Going shopping

- Count out the right number of objects (e.g. apples)
- Recognise numerals in prices and weights
- Count out coins
- Weighing



# Games

- Card games
- Snap
- Dominoes
- Junior Monopoly
- Snakes and Ladders
- Any dice games

\*\*\*\*\*

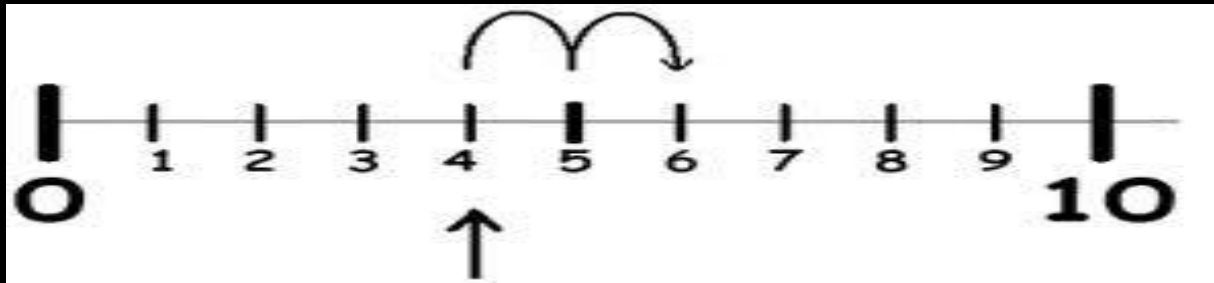
# Adding (counting on)

$$5 + 2 = 7$$

1. Add up the counters, starting with the bigger number.

5 blue counters for head and 2 yellow counters for fingers to count on 2.

3. Start on 4 and count on 2.



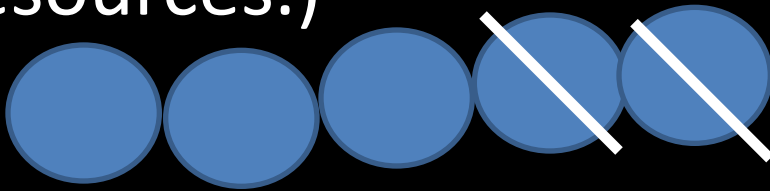
- Hundred square

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

- Mental recall of addition facts (use of number bonds to 10).
- Mental addition of 2 digit numbers ( $36 + 19$ ).
- Written methods of 3 digit numbers ( $214 + 123 =$ )
- Application through problem solving.

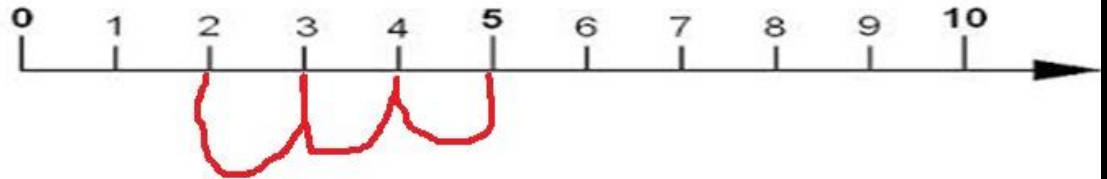
# Subtraction- (counting back)

- $5 - 2 = 3$  (Draw 5 cross out 2 how many left. cubes, biscuits, fingers and practical resources.)



- Start on 5 Count back 3  
What number are you on?

$$5 - 3 = 2$$



- Hundred square

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

- Mental recall of subtraction facts (use of number bonds to 10).
- Mental subtraction of 2 digit numbers (63 -26).
- Written methods of 3 digit numbers (364-143=)
- Application through problem solving.