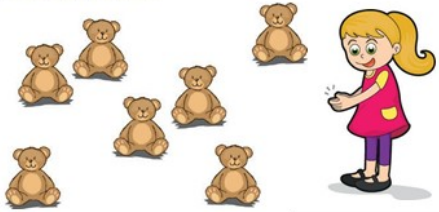


Overview of Number and Calculation Strategies used in Reception.

Reception

How many in a set?



Seven hand claps

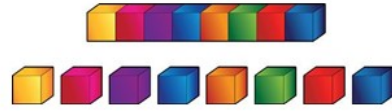
Estimate, and encourage estimation, within a range



Counting

Reception

Count, matching one-to-one



Conservation of number

Match numerals to a set of objects, sounds or images



Subitise



e.g. know there are 4 without counting

Counting

Reception

Numbers in a line or sequence

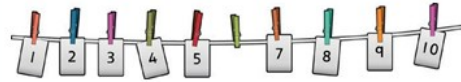
Recognise numerals



Count along a number line or track



Spot missing numbers in the line

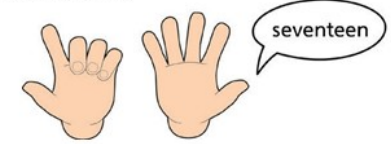


Counting

Reception

Chant numbers in order to 10 and 20

Match the units to fingers



Chant numbers in order to 100

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

Counting

Reception

Place value

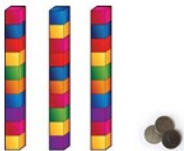
Understand 'teen' numbers (10 to 20)



Begin to recognise 2-digit numbers



Begin to count in 10s



Counting

Reception

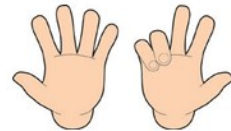
Counting on

Count on one more, saying the next number



$$7 + 1 = 8$$

Count on 2 or 3 or 4 more from any number up to 10



$$5 + 3 = 8$$

Addition

Reception

Number bonds

Subitise



Split sets into bonds



$$4 + 2 = 6$$



$$4 + 3 = 7$$

Make small amounts



Addition

Reception

Counting back

Count back 1 less, saying the number before



$$7 - 1 = 6$$

Take away 2 or 3 or 4 from any number up to 10



$$5 - 2 = 3$$



$$7 - 1 = 6$$

Subtraction

Reception

Number bonds

Subitise



Split sets into bonds



$$6 - 2 = 4$$



$$7 - 4 = 3$$

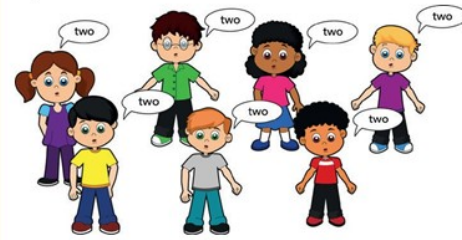


Use money

Reception

Counting in steps ('clever counting')

Begin to count in 2s



Two, four, six...

Begin to count in 5s



Five, ten, fifteen, twenty...

Begin to count in 10s



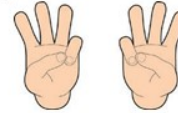
Ten, twenty, thirty...

Multiplication and division

Reception

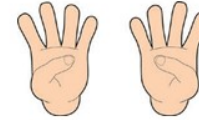
Doubling and halving

Double numbers to 5



Double 3 is 6

Halve even numbers to 10



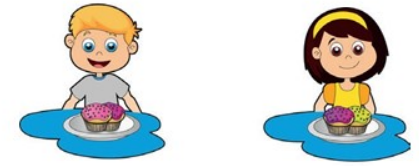
Half of 8 is 4

Multiplication and division

Reception

Sharing

Share multiples of 2 and 4 into halves and quarters



Multiplication and division