Maths - Addition and Subtraction

Lesson sequence

- Fact Families
- Related Facts
- Bonds within 100
- Add and subtract 1s
- Add by making 10
- Add 3 1-digit numbers
- Add and subtract across 10
- Add and subtract 2 2-digit numbers
- Compare number sentences
- Missing number problems

Key Vocabulary

- *Ones*
- *Tens*
- *Digit*
- *Addition*
- *Add*
- *More*
- *Total / Altogether / Sum*
- *Check*
- *Make*
- *Compare*
- *Related facts*
- *Fact family*
- *Inverse*
- *Relationship*
- *Patterns*
- *Number track*
- *Combined*
- *Commutativity/commutative*
- *Subtract*
- *Equals*
- *Take away*
- *Bonds*
- *Part-whole*
- *Bar model*

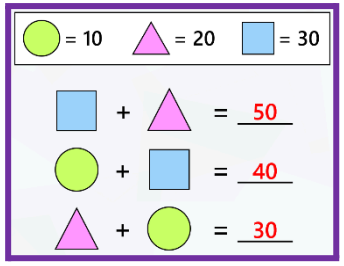
Sticky learning

New Knowledge

- To know the = sign means equals to
- To know and recall addition subtraction facts to 20 fluently
- To know that addition of two numbers can be done in any order (commutative)
- To know that subtraction is not commutative
- To know that there is a relationship between addition and subtraction and we call this the inverse
- To know that the sum of two numbers is the answer you get when you add them both together

New Skills

- To use place value and number facts to solve problems
- To partition numbers in different ways (for example, 23 = 20 + 3 and 23 = 10 + 13) to support subtraction
- To use addition and subtraction facts to 20 to derive related facts up to 100
- To add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones, a two-digit number and tens, two two-digit numbers and adding three one-digit numbers
- To show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- To use the inverse relationship between addition and subtraction to check calculations and solve missing number problems.
- To solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- To apply their increasing knowledge of mental and written methods
- To record addition and subtraction in columns.



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

