Knowledge Organiser
Number

Year 2	Addition and Subtraction

Using our place value knowledge will help us develop our addition and subtraction methods. We can use what we know about number facts and number bonds to calculate some answers mentally and solve addition and subtraction problems up to 100.
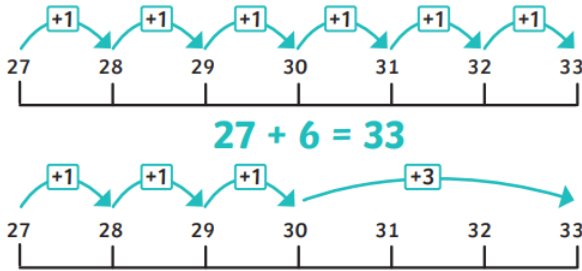
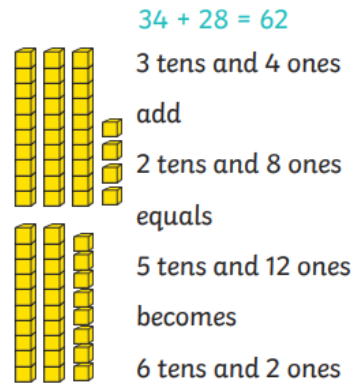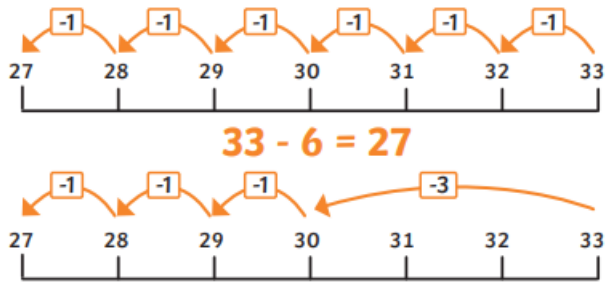| Builds from Year 1:	This year:	Leads to Year 3:
Number bonds to 10 and 20. Adding and subtracting within 20.	Add and subtract 2-digit numbers. Add three 1-digit numbers.	Column addition and subtraction.

Addition and Subtraction Methods

Add 2-digit and 1-digit

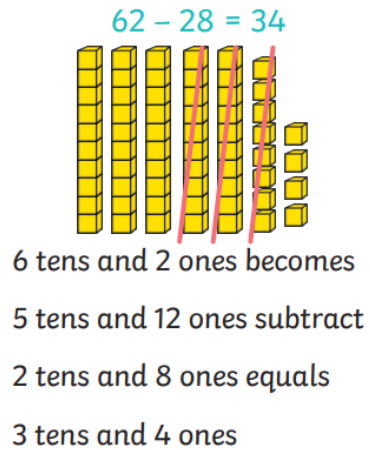$$27 + 6 = 33$$

Add 2-digit numbers

$$34 + 28 = 62$$

3 tens and 4 ones

add

2 tens and 8 ones

equals

5 tens and 12 ones

becomes

6 tens and 2 ones

Subtract 1-digit and 2-digit

$$33 - 6 = 27$$

Subtract 2-digit numbers

$$62 - 28 = 34$$

6 tens and 2 ones becomes

5 tens and 12 ones subtract

2 tens and 8 ones equals

3 tens and 4 ones

10 More or Less

10 less	Number	10 more
1	11	21
34	44	54

The ones digit stays the same.

Addition and Subtraction Bonds to 100

$$2 + 8 = 10$$
$$so \ 20 + 80 = 100$$
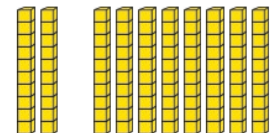
$32 + 68 = 100$
3 tens and 2 ones + 6 tens and 8 ones
= 9 tens and 10 ones = 10 tens = one hundred

Key Vocabulary

add   addition   total   make   plus   sum   more   altogether   subtract   subtraction   less   minus   difference between   number bonds   place value   mentally