KNOWLEDGE ORGANISER **Year 2**

Addition & Subtraction

What I should already know:

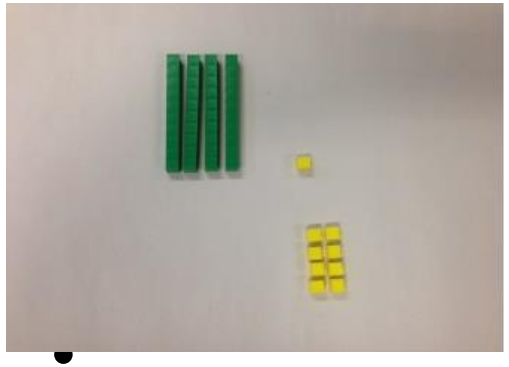
Find and make number bonds to 20
Add by counting on
Subtract by counting back

What I should know by the end of this unit:

Number bonds to 10
Addition & subtraction facts within 20
Bonds to 100 (tens) (60 + 40 = 100)
Add and subtract a single digit number to a 2-digit number (37 + 6 =)
Add three single digit numbers (5+8+3=)
Add & subtract two 2-digit numbers (27 + 82 =)
Compare number sentences
Solve problems involving addition and subtraction (64 + ? = 69)

Vocabulary

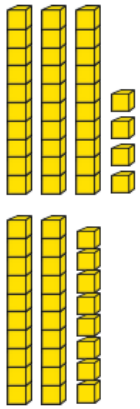
add	To combine two or more numbers or quantities to get one number called the sum or total
plus	Another word for add
more than	Finding a bigger value by adding or counting on
subtract	To take one quantity away from another.
minus	To subtract or take away
less than	Find a smaller value by taking away or counting back
total	The sum or whole amount
exchange	To swap one thing for something else e.g. I can swap 10 ones for a ten stick



41 + 8 -=

Add 2-digit numbers

34 + 28 = 62



3 tens and 4 ones

add

2 tens and 8 ones

equals

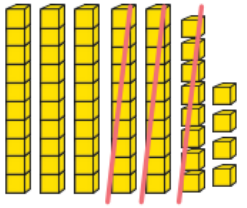
5 tens and 12 ones

becomes

6 tens and 2 ones

Subtract 2-digit numbers

62 – 28 = 34

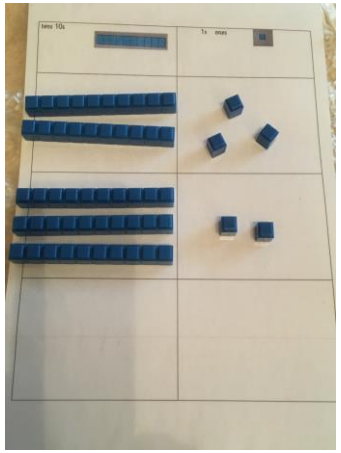


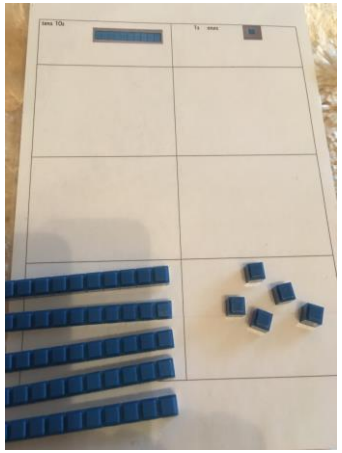
6 tens and 2 ones becomes

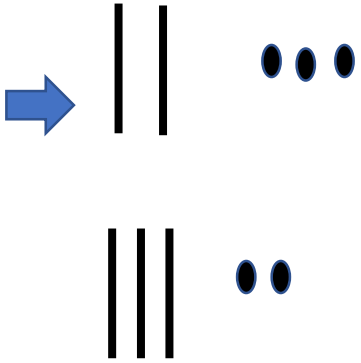
5 tens and 12 ones subtract

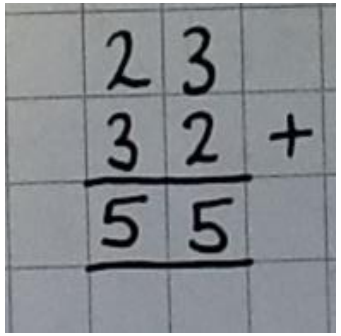
2 tens and 8 ones equals

3 tens and 4 ones

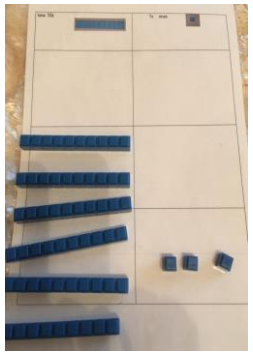


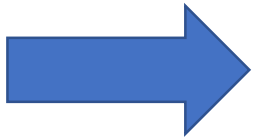


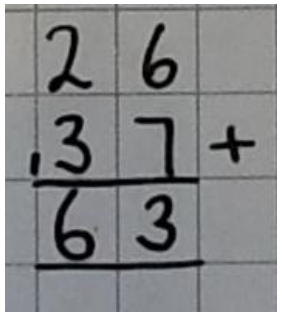




23 + 32 =

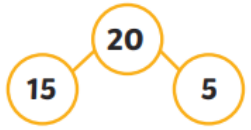




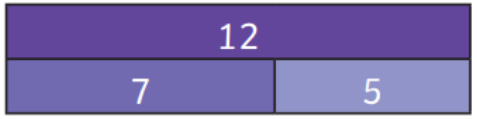


26 + 37 =

Addition and Subtraction Bonds to 20

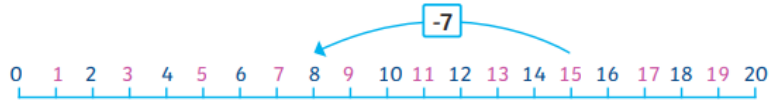


15 + 5 = 20
20 – 5 = 15
20 – 15 = 5



7 + 5 = 12
12 – 5 = 7
12 – 7 = 5

4 + 3 = 7

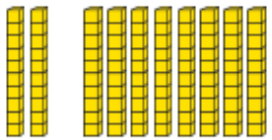


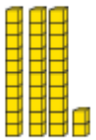
15 – 7 = 8

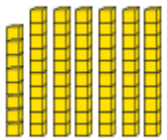
Addition and Subtraction Bonds to 100

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