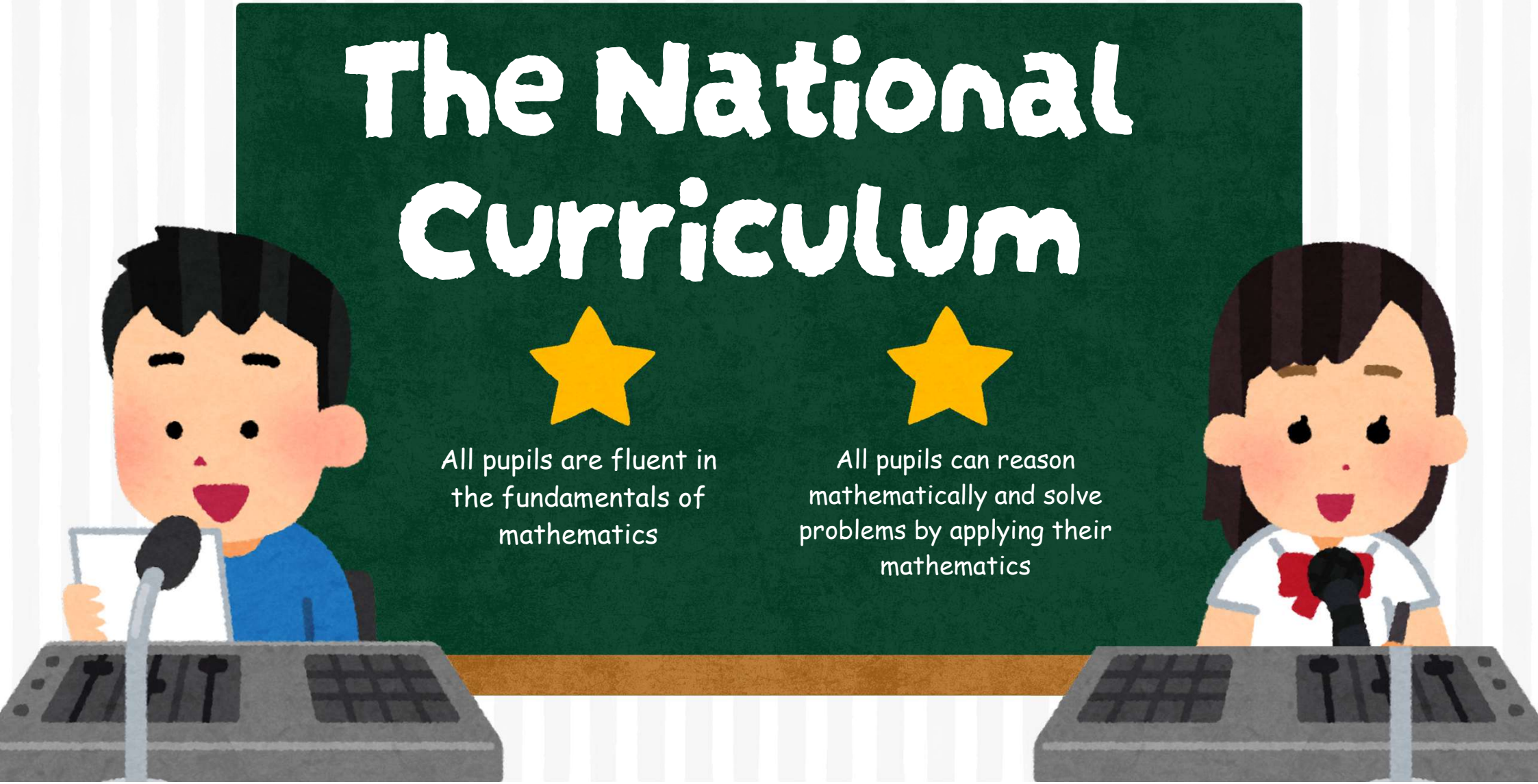
Year 2

Addition and Subtraction




The National Curriculum
All pupils are fluent in the fundamentals of mathematics
All pupils can reason mathematically and solve problems by applying their mathematics

Year 2 Expectations

To solve addition and subtraction problems using concrete objects and pictorial representations, including those involving numbers, quantities and measures.

- To apply their increasing knowledge of mental and written methods.



Year 2 expectations

*To recall and use addition and subtraction facts to 20 fluently and derive and use 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
- adding three one-digit numbers



Year 2 expectations

*To show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.

•*To recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems



Greater Depth Expectations

* To use reasoning about numbers and relationships to solve more complex problems and explain their thinking

e.g. 29 + 17 = 15 + 4 + ?

'together Jack and Sam have £14. Jack has £2 more than Sam. How much money does Sam have?'



Greater Depth Expectations

To solve unfamiliar word problems that involve more than one step
e.g. 'which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?



Counting in Year 2





Adding 3 numbers

7 + 5 + 3 =

4 + 7 + 8 =

8 + 6 + 8 =

9 + 4 + 3 =

<u>Look for....</u>

1.Pairs to 10

2.Number doubles

3.Near doubles

4.Use number facts they know



Addition of 1 digit number- counting on

- 38 + 4 =
- Put 38 in your head and then count on 4 using your fingers



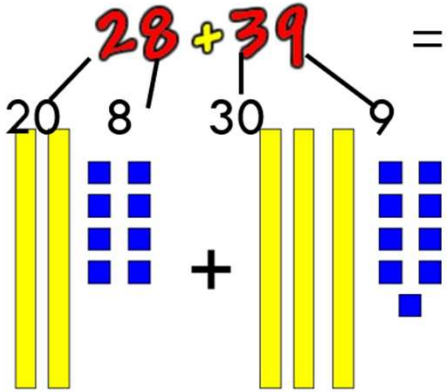


Addition of 2 digit numbers

Using base 10 and then drawing

28 + 39 = 67

20 8 30 9





Using column methods

T.O.
28
39+
67
1



Addition in my head

28 + 39 =

39 + 28 =

39 + 20 + 8 =





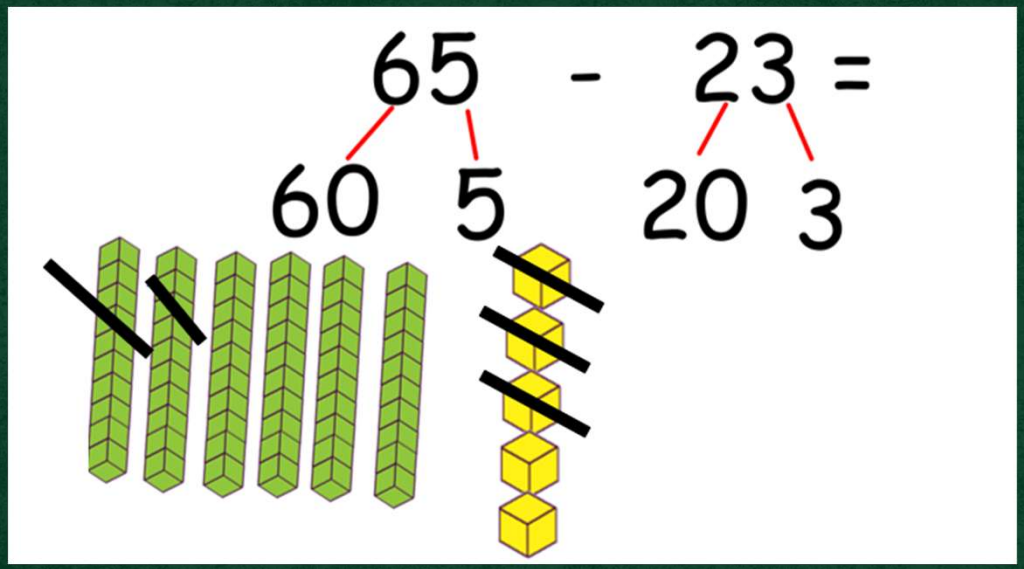
Subtraction of 1 digit number- counting back

- 38 - 4 =
- Put 38 in your head and then count back 4 using your fingers





Subtraction of 2 digit numbers by drawing





Using column methods

T.	O.
5	5
2	8
3	7



Subtracting in my head

67 – 28 =

67 - 20 - 8 =

Split the smaller number into tens and ones before subtracting.



Helping At Home

Continue to support your child with the Super Maths Facts and times tables they are learning .

Blast off - counting games
Hit The Button- great for multiplication and then inverse

Lots of practise of addition and subtraction - mixing up if there is a need to exchange tens and ones or not.

Money - regular counting of coins.





Please ask us if you or your child is unsure.







Always happy to help.