



Fluency

Counting Stick:



Number bonds to 10, 20 and 100

E.g. $7 + 3 = 10$, $17 + 3 = 20$, $70 + 30 = 100$

Adding:

$$32 + 35 = 67$$

Subtraction:

$$56 - 33 = 23$$

Times Tables:

We focus on the **2, 5, 10 and 3 times table**

Useful Sites:

<https://www.topmarks.co.uk/maths-games/5-7-years>

Using and Applying

Missing numbers:

1) $__ - 31 = 67$

2) $21 + __ = 43$

Related facts:

If I know $4 \times 5 = 20$, what else do I know
 $5 \times 4 = 20$, $20 \div 4 = 5$, $20 \div 5 = 4$

Example of using an applying:

Using these numbers what are the different number sentences you can make?

23	55	22
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$$23 + 22 = 55$$

$$55 = 23 + 22$$

$$22 + 23 = 55$$

$$55 = 22 + 23$$

$$55 - 22 = 23$$

$$23 = 55 - 22$$

$$55 - 23 = 22$$

$$22 = 55 - 23$$

Reasoning

Captain conjecture – he has enabled children to think more about the why.

E.g.

'If I add two even numbers together, I always get an even number? Do you agree or disagree?'

The maths may be simpler as there is a larger focus on the children's ideas:

$$32 + 10 =$$

$$42 + 10 =$$

$$52 + 60 =$$

$$62 + 70 =$$

$$72 + 80 =$$

What do you notice about the calculations on the left?