Key Instant Recall Facts - Year 4 Autumn Term 1

I know my number bonds to 100

By the end of this half term, pupils should know the following facts. The aim is for them to recall these facts **instantly.**

Fact Families

Some examples:

60 + 40 = 100	37 + 63 = 100
40 + 60 = 100	63 + 37 = 100
100 – 40 = 60	100 – 63 = 37
100 – 60 = 40	100 – 37 = 63
75 + 25 = 100	48 + 52 = 100
25 + 75 = 100	52 + 48 = 100
100 – 25 = 75	100 – 52 = 48
100 – 75 = 25	100 – 48 = 52

This list includes some examples of facts that children should know

They should be able to answer these questions in any order, including missing number questions e.g. 36 + ? = 100 and 100 - ? = 64

Key imagery:

Prove using whole/part model:

Eg – 33 + 67 = 100

Whole

100	
33	67
Part	Part

Eg – 7.4 +2.6 = 10

Key Vocabulary:

What do I **add** to 65 to make 100? What is 100 **take away** 6?
What is 13 **less than** 100?
How many more than 98 is 100?
What is the **difference** between 89 and 100? What is the **whole**?
What are the **parts**?

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Activity ideas

Buy one get three free If your child knows one fact (e.g. 25 + 75 = 100), can they tell you the other three facts in the same fact family? (75+ 25 =100, 100 – 25 = 75 and 100- 75 = 25)

Use number bonds to 10-How can number bonds to 10 help you work out number bonds to 100?

Play games

https://www.topmarks.co.uk/maths-games/hit-the-button This website includes a variety of number bonds to 100 games

http://www.snappymaths.com/addition/make100/interactive/make100m10/make100m10.htm