Key Instant Recall Facts

Year 4: Autumn 1
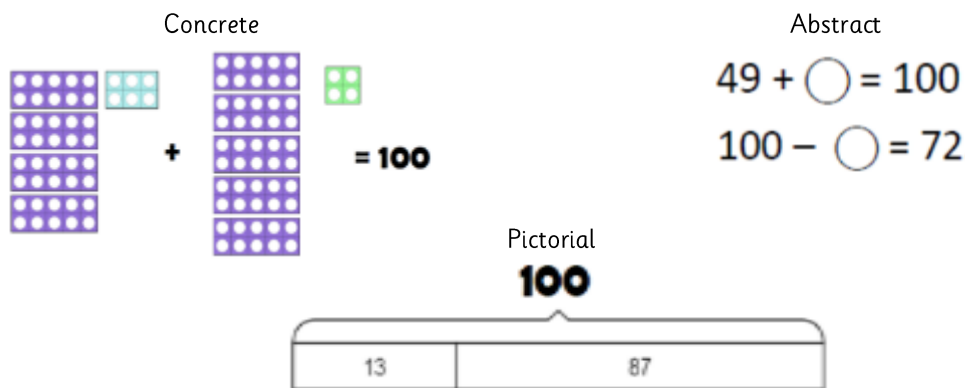
WALT: recall number bonds of 100 at speed

This KIRF will be tested at the start and end of the term. In school, your child will receive one, fifteen minute, timetabled slot a week to practise this skill. **By the end of this half term, children in Year 4 should know the following facts and be able to recall them instantly:**

Some Examples:
Number bonds show us how numbers join together. They are very important for addition and subtraction.

What can this look like?

Concrete

Abstract

$49 + \bigcirc = 100$

$100 - \bigcirc = 72$

Pictorial

100

13	87

The children should know number bonds to 100. Some of these may include:

37 + 63 = 100	100 − 63 = 37
63 + 37 = 100	100 − 37 = 37

Top Tips:
The secret to success? Practise little and often! Can you learn these on your way to school? On a car journey? Or even at the breakfast table? You don't need to learn them all at once: start with those you are more confident with before tackling the rest. Why not practise whilst keeping active? You could throw and catch or kick a ball whilst learning them!

Things to Try!
✓ Spot the difference using number bonds to 10 and 20. Think about how these number bonds might help you, e.g. 4 + 6 = 10, so 40 + 60 = 100 etc.

✓ Create a board game, dominoes or a treasure hunt related to number bonds

✓ Make some flashcards and ask a family member to test you!

✓ Make a poster showing the different methods we use in school to make number bonds to 100.

Key Vocabulary:
. 25 **add** 75 **equals** 100
. 55 **plus** 45 **is the same as** 100
. 100 **take away** 6 **equals** 94
. 100 **subtract** 37 **makes** 63
. **The difference between** 91 and 100 is 9

Key Questions:
What do we need to add to __ to make 100?
I have __, how many more do I need to get to 100?
What is the difference between 100 and __?

Useful Websites (games and information):
https://www.teachit.co.uk/resources/primary/number-bonds-race
https://www.topmarks.co.uk/maths-games/hit-the-button