Sywell CE Primary School

Key Instant Recall Facts

Autumn 1

By the end of this term, children should know the following facts. The aim is for them to be able to recall these facts instantly.

To be able to recall number bonds to 100 in multiples of 10 and related subtraction facts.

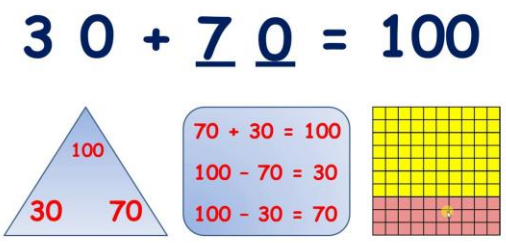
For example:

10 + 90 = 100

20 + 80 = 100

100 – 70 = 30

100 – 50 = 50



Example Key Vocabulary and Questions

I have 100 books, I have read 50 – how **many do I have left** to read?

Play a game of matching pairs using homemade number cards with numbers counting in 10s from 0 to 100 (don't forget to make two 50s). After turning one over encourage children to state what number it is they are looking for to make the pair. **We have found 70**, **what number are we are now looking for to make 100**?

I am thinking of a number. I add 60 and my answer is 100. **What number am I thinking of**?

Using 10p coins, or circles with the number 10 on, place 10 of these on a table. Cover up a number of coins. Can they identify how many have been hidden by counting the amount that they can still see? **We can see 2 tens, which is 20, so how many tens have been hidden? What is this amount?**

To be able to recall near doubles to 20.

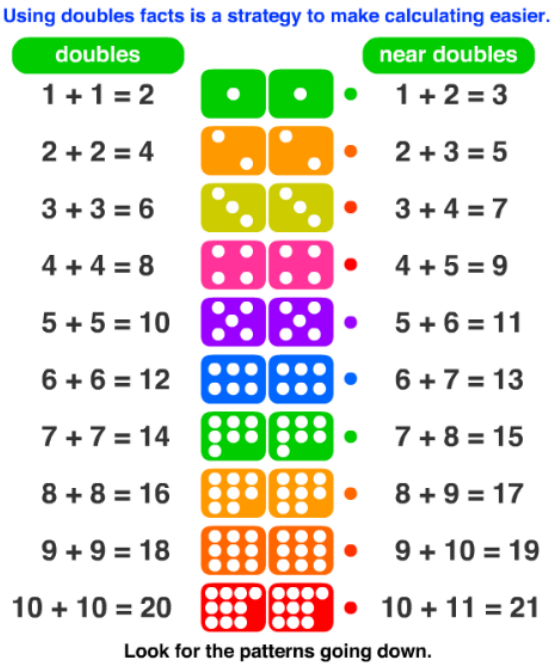
For example:

6 + 7

7 + 8

8 + 9

Recapping doubles up to 20 before looking at this will support the child to recognise that we are looking at a near double. (e.g. either one more or one less). If they know that 6 + 6 = 12 then 7 + 6 relies on us just adding one more.



Example Key Vocabulary and Questions

I have 6 pencils, my friend has the **double the amount that I have and one more**. **How many pencils does my friend have?**

Here are 9 books (you can do this with physical items). **Can you make me a pile that is one more than double my amount?**

If 7 + 7 = 14 then what is 7 + 8? **How do you know**? What can you use to help you? (Encourage children to **make connections** and look for **patterns**.)

What is the **missing number** in this number sentence? **How do you know**?

5 + 5 = 10

5 + ___ = 11