I know number bonds for all numbers to 20

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

2 + 9 = 11	5 + 9 = 14	Example fact family:
3 + 8 = 11	6 + 8 = 14	
4 + 7 = 11	7 + 7 = 14	6 + 9 = 15
5 + 6 = 11	6 + 9 = 15	9 + 6 = 15
3 + 9 = 12	7 + 8 = 15	15 – 9 = 6
4 + 8 = 12	7 + 9 = 16	15 – 6 = 9
5 + 7 = 12	8 + 8 = 16	
6 + 6 = 12	8 + 9 = 17	Example of other facts:
4 + 9 = 13	9 + 9 = 18	
5 + 8 = 13		4 + 5 = 9
6 + 7 = 13		13 + 5 = 18
		19 – 7 = 12

Key Vocabulary

What do I **add** to 5 to make 19?

What is 17 **take away** 6?

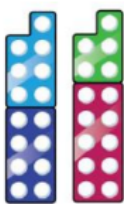What is 13 **less than** 15?

How many more than 8 is 11?
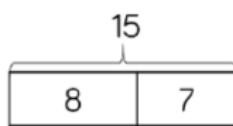
What is the **difference** between 9 and 13?
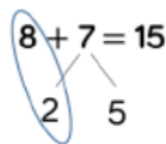
What can this look like? –

Examples to 15

Concrete:

Pictorial:

Abstract:

$8 + 7 = 15$

Things to try

Chants- Practice chanting the number bonds.

Everyday Objects- Gather together objects and separate them in as many different ways as possible, write the calculation to match each one.

Make a poster – We use lots of concrete, pictorial and abstract methods in school. Your child could make a poster on any number 1-20 showing different methods to make the number bonds.

Useful Websites:

https://www.topmarks.co.uk/maths-games/hit-the-button - Number bonds to 20

https://www.mathplayground.com/number_bonds_20.html for number bonds on different numbers

https://wordwall.net/community?query=Number%20bonds%20to%2020 – Various games to practise number bonds