Year 2 – Autumn 1

I know number bonds to 20.

0 + 20 = 20	20 + 0 = 20	20 − 0 = 20	20 − 20 = 0
1 + 19 = 20	19 + 1 = 20	20 − 1 = 19	20 − 19 = 1
2 + 18 = 20	18 + 2 = 20	20 − 2 = 18	20 − 18 = 2
3 + 17 = 20	17 + 3 = 20	20 − 3 = 17	20 − 17 = 3
4 + 16 = 20	16 + 4 = 20	20 − 4 = 16	20 − 16 = 4
5 + 15 = 20	15 + 5 = 20	20 − 5 = 15	20 − 15 = 5
6 + 14 = 20	14 + 6 = 20	20 − 6 = 14	20 − 14 = 6
7 + 13 = 20	13 + 7 = 20	20 − 7 = 13	20 − 13 = 7
8 + 12 = 20	12 + 8 = 20	20 − 8 = 12	20 − 12 = 8
9 + 11 = 20	11 + 9 = 20	20 − 9 = 11	20 − 11 = 9
10 + 10 = 20		20 − 10 = 10	

Key Vocabulary

What do I **add** to 5 to make 20?

What is 20 **take away** 6?

What is 3 **less than** 20?

How many more than 16 is 20?

They should be able to answer these questions in any order, including missing number questions e.g. 19 + ◯ = 20 or 20 − ◯ = 8.

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.

Use what you already know – Use number bonds to 10 (e.g. 7 + 3 = 10) to work out related number bonds to 20 (e.g. 17 + 3 = 20).

Use practical resources – Make collections of 20 objects. Ask questions such as, "How many more conkers would I need to make 20?"

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 20.

Play games – You can play number bond pairs online at www.conkermaths.com and then see how many questions you can answer in just one minute.