**Quick Recall Facts**

Year 2 – Autumn

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

1. **I know my number bonds for each number up to 20**.

20 – 20 = 0

20 – 19 = 1

20 – 18 = 2

20 – 17 = 3

20 – 16 = 4

20 – 15 = 5

20 – 14 = 6

20 – 13 = 7

20 – 12 = 8

20 – 11 = 9

20 – 0 = 20

20 – 1 = 19

20 – 2 = 18

20 – 3 = 17

20 – 4 = 16

20 – 5 – 15

20 – 6 = 14

20 – 7 = 13

20 – 8 = 12

20 – 9 = 11

20 – 10 = 10

20 + 0 = 20

19 + 1 = 20

18 + 2 = 20

17 + 3 = 20

16 + 4 = 20

15 + 5 = 20

14 + 6 = 20

13 + 7 = 20

12 + 8 = 20

11 + 9 = 20

0 + 20 = 20

1 + 19 = 20

2 + 18 = 20

3 + 17 = 20

4 + 16 = 20

5 + 15 = 20

6 + 14 = 20

7 + 13 = 20

8 + 12 = 20

9 + 11 = 20

10 + 10 = 20

**Key Vocabulary**

What do I **add** to 6 to make 20?

What is 20 **take away…**?

What is 4 **less than** 20?

**How many more** than 15 is 20?

1. **I know the complements to 100.**

20 + 80 = 100

80 + 20 = 100

100 – 80 = 20

100 – 20 = 80

90 + 10 = 100

10 + 90 = 100

100 – 90 = 10

100 – 10 = 90

**Key Vocabulary**

What do I **add** to 60 to make 100?

What is 100 **take away** 50?

What does 30 **need** to make 100?

**How many more** than 80 is 100?

What is the **difference** between 20 and 100?

60 + 40 = 100

40 + 60 = 100

100 – 40 = 60

100 – 60 = 40

70 + 30 = 100

30 + 70 = 100

100 – 30 = 70

100 – 70 = 30

**Top Tips**

The secret is practising little and often. You don’t need to practise these all at once, perhaps you could have a fact of the day. Can you practice these Quick Recall Facts whilst in the bath? Could you write one of the facts on a post-it note and stick it on the bathroom door so you can read it when you brush your teeth?

* 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?”
* Songs and Chants–There are lots of songs and chants online. Try: <https://www.youtube.com/watch?v=2sxzxqtnGjA> or <https://www.youtube.com/watch?v=W2NJ_banpqg> Which is your favourite?
* Spot patterns – What patterns can your child spot in the 5 times table? Are there any similarities with the 10 times table?
* Online – Go to <https://www.topmarks.co.uk/maths-games/hit-the-button> for times tables
* Online – Go to <https://www.mathplayground.com/number_bonds_20.html>
* Use memory tricks for those hard-to-remember facts, [www.multiplication.com](http://www.multiplication.com) has some strange picture stories to help children remember. http://www.multiplication.com/learn/learn-fact/2/x/0

 