Key Instant Recall Facts - Year 3 Autumn Term 1

I know the number bonds for all the numbers to 20

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

Examples of facts

		Fact family for 15
2+9=11	3+9=12	6+9=15
3+8=11	4+8=12	9+6=15
4+7=11	5+7=12	15-9=6
5+6=11	6+6=12	15-6=9
5+9=14	4+9=13	
6+8=14	5+8=13	
7+7=14	6+7=13	

Key Imagery:

Prove using whole/part model:

Eg – 6+9=15

Whole

15	
6	9
Part	Part

The list contains just some of the facts, but children need to learn all number bonds for each number to 20. This also includes related subtraction facts
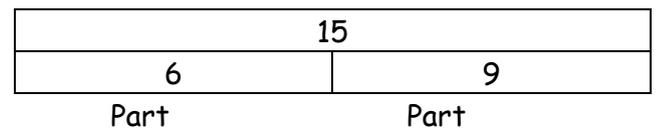
15+2=17 so 17-2=15 and 17-15 =2

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 is the **whole**?

What are the **parts**?

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.

Activity ideas

Buy one get three free If your child knows one fact (e.g. 8+5 = 13), can they tell you the other three facts in the same fact family? (5+8=13, 13-8=5 and 13-5=8)

Use doubles and near doubles-if you know that 6+6=12, how can you work out 6+ ? What about 5+7?

Play games

You can play number bond pairs online at https://www.topmarks.co.uk/maths-games/hit-the-button (play any of the games within the up to 20 box)