Churchfields Infants' School
Key Instant Recall Facts
Year 1: Autumn Term 1

Year 1 Autumn 1	
I can read and write numbers 1-10 in numerals and words.	
1-one 2-two 3-three 4-four 5-five 6-six 7-seven 8-eight 9-nine 10-ten	• These should be learnt in and out of order to ensure rapid recall. • Children may be given numerals to write in words or may be given words to write using numerals. • When counting objects, children should be given the opportunity to write amounts in both numerals and words.

How can you help at home?

- The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey to make them part of the everyday routine? It may work to have a fact a day or a fact a week rather than learning them all at once.
- Use of flash cards and matching cards.
- Reading and recognising numbers to 10 while out and about. You could talk about house numbers, numbers in phone numbers, car registration plates etc.

Churchfields Infants' School
Key Instant Recall Facts
Year 1: Autumn Term 2

Year 1 Autumn 2		
I know number bonds for each number to 6.		
By the end of the half term, children should know the following facts. The aim is that they can recall them instantly. 0 + 1 = 1 1 + 0 = 1 0 + 2 = 2 1 + 1 = 2 2 + 0 = 2	0 + 3 = 3 1 + 2 = 3 2 + 1 = 3 3 + 0 = 3 0 + 4 = 4 1 + 3 = 4 2 + 2 = 4 3 + 1 = 4 4 + 0 = 4	0 + 5 = 5 1 + 4 = 5 2 + 3 = 5 3 + 2 = 5 4 + 1 = 5 5 + 0 = 5 0 + 6 = 6 1 + 5 = 6 2 + 4 = 6 3 + 3 = 6 4 + 2 = 6 5 + 1 = 6 6 + 0 = 6

How can you help at home?

- The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey to make them part of the everyday routine? It may work to have a fact a day or a fact a week rather than learning them all at once.
- Play games – You can play number bond pairs online using your NumBots login. This can be done on a computer, laptop, tablet or phone.
- Make it practical! Using physical objects to create additions and subtractions to 6.
- Play games to call the number bonds out loud. Allow children to be the expert and test you on number bonds.

Churchfields Infants' School
Key Instant Recall Facts
Year 1: Spring Term 1

Year 1 Spring 1		
I know doubles and halves of numbers to 10.		
By the end of the half term, children should know the following facts. The aim is that they can recall them instantly. They should be able to answer these questions in any order, including missing number questions, e.g. double◯ = 10 half of ◯=3	0 + 0 = 0 1 + 1 = 1 2 + 2 = 4 3 + 3 = 6 4 + 4 = 8 5 + 5 = 10 6 + 6 = 12 7 + 7 = 14 8 + 8 = 16 9 + 9 = 18 10 + 10 = 20	½ of 0 = 0 ½ of 2 = 1 ½ of 4 = 2 ½ of 6 = 3 ½ of 8 = 4 ½ of 10 = 5

How can you help at home?

- The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey to make them part of the everyday routine? It may work to have a fact a day or a fact a week rather than learning them all at once.
- Play games such as "ping pong". In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.
- https://www.topmarks.co.uk/maths-games/hit-the-button use online games to practise doubling and halving skills.

Churchfields Infants' School
Key Instant Recall Facts
Year 1: Spring Term 2

Year 1 Spring 2

I know number bonds to 10 and number bonds to each number to 10.

By the end of the half term, children should know the following facts. The aim is that they can recall them instantly.

0 + 10 = 10 10 + 0 = 10 1 + 9 = 10 9 + 1 = 10 2 + 8 = 10 8 + 2 = 10 3 + 7 = 10 7 + 3 = 10 4 + 6 = 10 6 + 4 = 10 5 + 5 = 10	10 – 10 = 0 10 – 0 = 10 10 – 9 = 1 10 – 1 = 9 10 – 8 = 2 10 – 2 = 8 10 – 7 = 3 10 – 3 = 7 10 – 6 = 4 10 – 4 = 6 10 – 5 = 5	**Number bonds to 10 key vocabulary:** 2 add 8 equals 10 8 plus 2 is the same as 10 If I have 4, how many more to get to 10? What's the difference between 7 and 10? 10 take away 7 equals 3 10 subtract 3 makes 7 10 minus 9 equals 1

Number Bonds for numbers to 10.

This builds on Autumn 2 KIRF of learning number bonds for numbers to 6.

0 + 7 = 7	0 + 8 = 8	0 + 9 = 9	0 + 10 = 10
1 + 6 = 7	1 + 7 = 8	1 + 8 = 9	1 + 9 = 10
2 + 5 = 7	2 + 6 = 8	2 + 7 = 9	2 + 8 = 10
3 + 4 = 7	3 + 5 = 8	3 + 6 = 9	3 + 7 = 10
4 + 3 = 7	4 + 4 = 8	4 + 5 = 9	4 + 6 = 10
5 + 2 = 7	5 + 3 = 8	5 + 4 = 9	5 + 5 = 10
6 + 2 = 8	6 + 2 = 8	6 + 3 = 9	6 + 4 = 10
7 + 1 = 8	7 + 1 = 8	7 + 2 = 9	7 + 3 = 10
8 + 0 = 8	8 + 0 = 8	8 + 1 = 9	8 + 2 = 10
		9 + 0 = 9	9 + 1 = 10
			10 + 0 = 10

How can you help at home?

- The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey to make them part of the everyday routine? It may work to have a fact a day or a fact a week rather than learning them all at once.
- Make the whole fact family – If 9 + 1 = 10, then 1 + 9 = 10 so 10 – 9 = 1 and 10 – 1 = 9.

Churchfields Infants' School
Key Instant Recall Facts
Year 1: Summer Term 1

Year 1 Summer 1		
I can read and write numbers to 20 in words and numerals.		
By the end of the half term, children should know the following facts. The aim is that they can recall them instantly. This builds on Autumn 1 KIRF- reading and writing numbers to 10.	1-one 2-two 3-three 4-four 5-five 6-six 7-seven 8-eight 9-nine 10-ten	11-eleven 12-twelve 13-thirteen 14-fourteen 15-fifteen 16-sixteen 17-seventeen 18-eighteen 19-nineteen 20-twenty

How can you help at home?

- The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey to make them part of the everyday routine? It may work to have a fact a day or a fact a week rather than learning them all at once.
- Use of flash cards and matching cards.
- Reading and recognising numbers to 20 while out and about. You could talk about house numbers, numbers in phone numbers, car registration plates etc.
- Allow children to be the expert and get them to test you or play matching games etc. where children have to check your answers.

Churchfields Infants' School
Key Instant Recall Facts
Year 1: Summer Term 2

Year 1 Summer 2	
I know number bonds to 20.	
By the end of the half term, children should know the following facts. The aim is that they can recall them instantly. This builds on Spring 2 KIRF- number bonds to 10.	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 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 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 – 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
They should be able to answer these questions in any order, including missing number questions e.g. 16 +◯ = 20 or 20 –◯ = 9.	

How can you help at home?
• The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey to make them part of the everyday routine? It may work to have a fact a day or a fact a week rather than learning them all at once. • Use practical resources to question children. Make collections of 20 objects. Ask questions such as, "How many more marbles would I need to make 20?" • Use NumBots log in to practise number bonds. There are a variety of other games available online such as: https://www.topmarks.co.uk/maths-games/hit-the-button