



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



Reception Autumn 1

I can say the numbers from 0 to 5 and back from 5 to 0 in order.

0-zero
1-one
2-two
3-three
4-four
5-five

- These should be learnt in and out of order to ensure rapid recall.
- Children should be given the opportunity to identify missing numbers within a sequence (between 0-5).
- Children should be able to order consecutively (both forwards and backwards).
- Children should be able to identify quantities representing an amount (e.g. 4 conkers). They may also be able to identify the composition of these numbers (e.g. 3 and 1 make 4, 2 and 2 make 4...)

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.
- Use of everyday / concrete objects for children to hold in their hand.
- Reading and recognising numbers to 5 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
Reception: Autumn Term 2



Reception Autumn 2

I can say the numbers from 0 to 10 and back from 10 to 0 in order.

0-zero
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 should be given the opportunity to identify missing numbers within a sequence (between 0-10).
- Children should be able to order consecutively (both forwards and backwards).
- Children should be able to recognise quantities representing an amount (e.g. 7 conkers). They may also be able to identify the composition of these numbers (e.g. 3 and 4 make 7, 6 and 1 make 7...)

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.
- Use of everyday / concrete objects for children to hold in their hand.
- 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
Reception: Spring Term 1



Reception Spring 1

I can say the numbers from 0 to 20 and back from 20 to 0 in order.

0-zero
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

- These should be learnt in and out of order to ensure rapid recall.
- Children should be given the opportunity to identify missing numbers within a sequence (between 0-20).
- Children should be able to order consecutively (both forwards and backwards).

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.
- Use of everyday / concrete objects for children to hold in their hand.
- Reading and recognising numbers to 20 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
Reception: Spring Term 2



Reception Spring 2

I can say which number is one more or one less than a given number to 20.

0-zero
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

- Children will have a secure understanding of place value from their KIRF learning in Autumn 1, Autumn 2 and Spring 1. They will build on this, recognising that 1 more than a number is the next consecutive number, e.g. 1 more than 12 is 13, and that 1 less than a number is the previous number. Children should be able to identify this instantaneously, without reliance on a number track or numberline.

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.
- Choosing a number (up to 20) and asking your child/ren to identify 1 more or 1 less than this number.
- One more / one less games on websites such as www.topmarks.co.uk



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



Reception Summer 1

I can count, read and write numbers 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 previous KIRFs where children have learnt to say the numbers to 20 in order.

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?
- Use of 1:1 correspondence (e.g. children moving or crossing out items as they count them).
- 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.
- Opportunity to trace or write numbers (in numerical form – not as words).



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



Reception Summer 2

I know number bonds for each number to 5.

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

$$\begin{aligned}0+5&=5 \\5+0&=5 \\1+4&=5 \\4+1&=5 \\2+3&=5 \\3+2&=5\end{aligned}$$

Children may also be able to recall some number bonds to 10.

As an additional challenge, children may also recognise the accompanying subtraction facts and/or be able to answer missing number questions e.g. $4 + \bigcirc = 5$ or $5 - \bigcirc = 4$.

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 with children, e.g. counters, marbles, everyday objects, natural objects, to make and represent number bonds to 5.
- 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>