

Key Instant Recall Facts

Reception: Autumn 1



Target: Count forwards from 0 to 5 & backwards from 5 to 0

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

In order:

0, 1, 2, 3, 4, 5

and back again:

5, 4, 3, 2, 1, 0

Key Vocabulary:

zero one two

three four five

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 do not 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 practical objects around the home (e.g. sweets, lego, fruit, stones etc) and make piles of 0, 1, 2, 3, 4 and 5 and then count them to 5 and back to 0**
- **Look for numbers up to 5 round the home and when you are out and about – can they count on or back from that number?**
- **Singing number songs where the numbers are going backwards e.g. Five Little Speckled Frogs, Five Little Monkeys Jumping on the Bed etc**

Useful Links:

[Learning to Count up to 15 with Teddy Numbers Interactive Maths Game \(topmarks.co.uk\)](http://topmarks.co.uk)

[Learn to Count up to 10 with Underwater Counting Maths Game \(topmarks.co.uk\)](http://topmarks.co.uk)

[The Gingerbread Man Game - Counting, Matching and Ordering game \(topmarks.co.uk\)](http://topmarks.co.uk)

[Ladybird Spots - Counting, Matching and Ordering game \(topmarks.co.uk\)](http://topmarks.co.uk)

Don't practise until you get it right, practise until you can't get it wrong!

Key Instant Recall Facts

Reception: Autumn 2



Target: Count forwards from 0 to 10 & backwards from 10 to 0

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

In order:

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

and back again:

10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0

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 do not 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 practical objects around the home (e.g. sweets, lego, fruit, stones etc) and make piles of 0, 1, 2, 3, etc up to 10 and then counting them back to 0.**
- **Look for numbers up to 5 round the home and when you are out and about – can they count on or back from that number?**
- **Singing number songs where the numbers are going backwards e.g. Five Little Speckled Frogs, Five Little Monkeys Jumping on the Bed etc**

Useful Links:

[Learning to Count up to 15 with Teddy Numbers Interactive Maths Game \(topmarks.co.uk\)](https://www.topmarks.co.uk/learning-to-count-up-to-15-with-teddy)

[Learn to Count up to 10 with Underwater Counting Maths Game \(topmarks.co.uk\)](https://www.topmarks.co.uk/learning-to-count-up-to-10-with-underwater-counting)

[The Gingerbread Man Game - Counting, Matching and Ordering game \(topmarks.co.uk\)](https://www.topmarks.co.uk/Gingerbread-Man-Game)

[Ladybird Spots - Counting, Matching and Ordering game \(topmarks.co.uk\)](https://www.topmarks.co.uk/Ladybird-Spots-Game)

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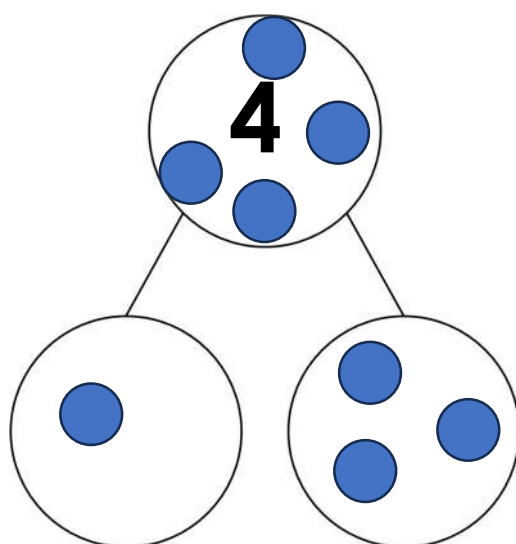
Reception: Spring 1

Target: Partition numbers to 5 into two groups

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

Children should be able to split 1, 2, 3, 4 and 5 into two groups. This can be done on a part-part-whole model but could be done into 2 different groups. Children can use counters, toys, stones etc and physically put them into two piles.

E.g.



$$1 + 3 = 4$$

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 do not 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.

Useful Links:

[Composition of numbers: 0-5 | NCETM](#)

[I Can Say My Number Pairs 5 | Math Song for Kids | Number Bonds | Jack Hartmann \(youtube.com\)](#)

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Key Instant Recall Facts

Reception: Spring 2



Target: Count forwards from 0 to 20 & backwards from 20 to 0

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

In order:

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

and back again:

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

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 do not 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 practical objects around the home (e.g. sweets, lego, fruit, stones etc) and make piles of up to 20 objects then count them up, then backwards to 0.**
- **Look for numbers up to 5 round the home and when you are out and about – can they count on or back from that number?**
- **Singing number songs where the numbers are going backwards too!**

Useful Links:

[Counting Up To 20 | Count Along With The Roundabouts! | Super Simple Songs \(youtube.com\)](#)

[Count to 20 and Workout | Fun Counting Song for Kids | Count by 1's to 20 | Jack Hartmann \(youtube.com\)](#)

[Number song 1-20 for children | Counting numbers | The Singing Walrus \(youtube.com\)](#)

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Key Instant Recall Facts

Reception: Summer 1



Target: Count, read & write numerals to 20

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

Following on from the previous KIRF from last half term where children counted from 0 to 20 and 20 to 0, children now need to be able to read the numerals e.g. seeing 16 and knowing it's 'sixteen'. They also need to be able to write the numeral so if they hear "sixteen" they know it's written '16'.

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 do not 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.

- **Children could collect objects around the house, count them and then write the numerals to match the number of objects they've collected.**
- **Adults could give children numbers verbally that they then have to write in numerals. You could then swap so adults write numbers for the children and they say the number that is written down**

Useful Links:

[Counting Fun: Back to School Numbers 1 to 20 | Learn to Count with Excitement | @Numberblocks \(youtube.com\)](#)

[Learning to Count up to 15 with Teddy Numbers Interactive Maths Game \(topmarks.co.uk\)](#)

[Today's Number - Up to 20 \(topmarks.co.uk\)](#)

[Counting Up To 20 | Count Along With The Roundabouts! | Super Simple Songs \(youtube.com\)](#)

[Count to 20 and Workout | Fun Counting Song for Kids | Count by 1's to 20 | Jack Hartmann \(youtube.com\)](#)

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Key Instant Recall Facts

Reception: Summer 2

Target: Know one more & one less than a number (to 20)

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

One Less	Given Number	One More
2	3	4
6	7	8
17	18	19
3	4	5
8	9	10
13	14	15
16	17	18

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 do not 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.

Useful Links:

[To identify one more and one less than a number within 20 | Oak National Academy \(thenational.academy\)](https://www.thenational.academy)

[Primary maths games: How to play One more, one less. \(youtube.com\)](https://www.youtube.com/watch?v=...)

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