

EYFS

Key Instant Recall Facts

To develop your child's fluency and mental maths skills, we are introducing KIRFs (Key Instant Recall Facts) throughout school. KIRFs are a way of helping your child to learn by heart, key facts and information which they need to have instant recall of. KIRFs are designed to support the development of mental maths skills that underpin much of the maths work in our school. They are particularly useful when calculating, adding, subtracting, multiplying or dividing. They contain number facts such as number bonds and times tables that need constant practise and rehearsal, so children can recall them quickly and accurately.

For your child to become more efficient in recalling them easily, they need to be practised frequently and for short periods of time. Each half term, children will focus on a Key Instant Recall Fact (KIRF) to practise both in school and learn at home for the half term. They will also be available on our school website under the maths section. They are not designed to be a time-consuming task and can be practised anywhere – in the car, walking to school, etc. Regular practice - little and often – helps children to retain these facts and keep their skills sharp. Over their time at primary school, we believe that - if the KIRFs are developed fully - children will be more confident with number work, understand its relevance, and be able to access the curriculum much more easily.

CARE – BUILD – FOLLOW - THINK





Key Instant Recall Facts EYFS Autumn 1

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

By the end of this term we aim that children should know 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 Tip:

Please practise these little and often, at times like when you are on your way to school or doing tasks in the house. Make them a part of your everyday routine.

How to practise this skill examples:

- Counting when you are tidying up
- Singing number songs like 5 speckled frogs
- Finding things outside to count
- <https://www.topmarks.co.uk/learning-to-count/underwater-counting>

CARE – BUILD – FOLLOW - THINK



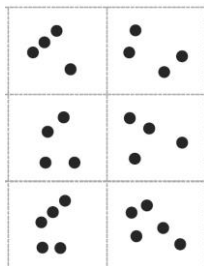


Key Instant Recall Facts EYFS Autumn 2

I can subitise the numbers to 5

By the end of this term we aim that children should know these facts instantly

Subitising is the ability to look at a small number of objects and instantly recognise how many objects there are without needing to count.



Key vocabulary

Zero
One
Two
Three
Four
Five

Top Tip:

Please practise these little and often, at times like when you are on your way to school or doing tasks in the house. Make them a part of your everyday routine.

How to practise this skill examples:

- How many fingers are being held up
- Recognising the dots on the dice
- Throw the counters down and spot the amount
- <https://www.bbc.co.uk/bitesize/topics/zs3j2v4/articles/zf3r96f>

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Key Instant Recall Facts EYFS Spring 1

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

By the end of this term we aim that children should know 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

Key vocabulary

Zero	Six
One	Seven
Two	Eight
Three	Nine
Four	Ten
Five	

Top Tip:

Please practise these little and often, at times like when you are on your way to school or doing tasks in the house. Make them a part of your everyday routine.

How to practise this skill examples:

- Counting when you are tidying up
- Singing number songs like 5 speckled frogs
- Finding things outside to count
- <https://www.topmarks.co.uk/learning-to-count/ladybird-spots>

CARE – BUILD – FOLLOW - THINK





Key Instant Recall Facts EYFS Spring 2

I can recall the number bonds to 5 and related subtraction facts

By the end of this term we aim that children should know these facts instantly

0 and 5 make 5.
1 and 4 make 5
2 and 3 make 5
3 and 2 make 5
5 subtract 2 makes 3
5 subtract 3 equals 2

Key vocabulary

___ and ___ make
five

Five subtract ___
makes ___

Top Tip:

Please practise these little and often, at times like when you are on your way to school or doing tasks in the house. Make them a part of your everyday routine.

How to practise this skill examples:

- Using things around the house to make 5- putting them into 2 groups such as 3 bananas and 2 oranges
- Making up number stories e.g. I have taken 3 steps- how many more to make 5?
- <https://ictgames.com/saveTheWhale/index.html>

CARE – BUILD – FOLLOW - THINK





Key Instant Recall Facts EYFS Summer 1

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

By the end of this term we aim that children should know 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

Key vocabulary

Eleven
Twelve
Thirteen
Fourteen
Fifteen
Sixteen
Seventeen
Eighteen
Nineteen
Twenty

Top Tip:

Please practise these little and often, at times like when you are on your way to school or doing tasks in the house. Make them a part of your everyday routine.

How to practise this skill examples:

- Counting objects around the home or counting backwards as you are putting things away
- See if you can spot any of the numbers when you are out and about
- Put items into groups and then write down the amount that you have counted- discuss which is the biggest and smallest and how you know

CARE – BUILD – FOLLOW - THINK





Key Instant Recall Facts EYFS Summer 2

I can recall all the doubles to 10

By the end of this term we aim that children should know these facts instantly

Double 1 is 2

Double 2 is 4

Double 3 is 6

Double 5 is 10

Double 7 is 14

Double 8 is 16

Double 10 is 20

Key vocabulary

Double

Twice

Two



Top Tip:

Please practise these little and often, at times like when you are on your way to school or doing tasks in the house. Make them a part of your everyday routine.

How to practise this skill examples:

- Doubling ladybirds- Draw an outline of a ladybird, add spots to one side, then ask your child to fill in the other side, model saying; double __ is __.
- Seeing double- Use the reflection of a mirror to show double of a number of objects.
- <https://kids.classroomsecrets.co.uk/resource/reception-doubling-game/>

CARE – BUILD – FOLLOW - THINK

