



Myland Primary School

EYFS Maths Key Instant Recall Facts (KIRFs)

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 practice and rehearsal, so children can recall them quickly and accurately.

Instant recall of facts helps enormously with mental agility in maths lessons. When children move onto written calculations, knowing these key facts is very beneficial. 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 and learn at home for the half term. They will also be available on our school website under the maths section and each child will receive a copy to keep at home. We will also have a permanent 'Maths Mastery' display in our corridor. The KIRFs include practical ideas to assist your child in grasping the key facts and contain helpful suggestions of ways in which you could make this learning interesting and relevant. 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. **Throughout the half term, the KIRFs will also be practised in school and your child's teacher will assess whether they have been retained.**

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. They will be able to apply what they have learned to a wide range of problems that confront us regularly.

If you have any questions, please do not hesitate to ask your child's class teacher or Mrs. Carter (Maths subject leader).



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 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 resources -



Key Instant Recall Facts

EYFS - Autumn 2

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

By the end of this 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

Key Vocabulary

Six

Seven

Eight

Nine

Ten

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 resources -



Key Instant Recall Facts

EYFS - Spring 1

I can partition numbers to 5 into two groups

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

Zero and five make five.

One and four make five

Two and three make five

Key Vocabulary

----- and ----- make

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 resources - Your child has one blue teddy and four red teddies. One and four make five.



Key Instant Recall Facts

EYFS - Spring 2

I know the days of the week in order.

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

Children should be able to know the days of the week and be able to know the next day in order.

e.g. Today is Tuesday.

What day will it be tomorrow?

Key Vocabulary

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

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.



Key Instant Recall Facts

EYFS - Summer 1

I can count, read and write numbers to 20.

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

Key Vocabulary

Eleven

Twelve

Thirteen

Fourteen

Fifteen

Sixteen

Seventeen

Eighteen

Nineteen

Twenty

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.



Key Instant Recall Facts

EYFS - Summer 2

I can use physical representations to add and subtract.

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

Key Vocabulary

Count on

----- add ----- makes -----

Count back

----- take away ----- makes -----

Children should count on or back to find the answer.

e.g. Child counts 3 cars. They then add another 2 cars.

Child says 'Four, five' (counts on) to find answer.

OR Child counts 4 books. Then take 3 books away.

Child says 'Three, two, one' (counts back) to find answer.

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.

Practical resources -