



# Year 1 Maths

## KEY INSTANT RECALL FACTS (KIRFs)

To develop your child's fluency and mental maths skills, we have introduced 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 schools. 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.

Each half term, children will focus on 2 KIRFs to practise and learn at home alongside the work that we will be doing weekly in school. They will include ideas to assist your child in grasping these key facts. They are not designed to be a time-consuming task and can be practised anywhere – in the car, walking to school etc. Regular practise – little and often – helps children to retain these facts.

Over their time at primary school, we believe that – if the KIRFs are developed fully – children will be more confident with maths work, understand its relevance and be able to access the curriculum more easily. They will be able to apply what they have learned to a wide range of problems that confront us regularly.

Thank you for your support.

# Key Instant Recall Facts

## Year 1 Spring 2

This half term your child is working towards achieving knowledge of the KIRFS, indicated below.

The ultimate aim is for your child to be able to recall these facts instantly.

### This term's KIRF 1.....

I can instantly show the correct number of fingers when given a number to 10.

#### For example:

Children should be able to look at a certain number of fingers or group of objects and be able to recognise the quantity immediately.

### Key Vocabulary

Show a certain number of fingers to your child – can they instantly say the number?

#### Activities to try:

Use practical resources – Play games using a dice, play dominoes and ask your child what the numbers are, use a dice to determine how many hops on a hopscotch.

Use your fingers – play a game of rock, paper, scissors, but instead you and your child have to match the number of fingers shown. Can your child identify your number immediately?

Play hidden quantity games – hide one, two and three objects under 3 identical cups and swap them around. Can your child follow the number 4? Once the cup is lifted, can they subitise the number of objects underneath?

Online games

Nrich – Subitising

BBC Bitesize -

## This term's KIRF 2.....

I can say one more/less than any number to, at least, 10

For example:

One more than 1  
One more than 2  
One more than 3 (etc.)  
One less than 20  
One less than 19  
One less than 18 (etc.)



## Key Vocabulary

What is 1 more than 6?  
What is 1 less than 10?

Activities to try:

Your child has ten pieces of carrot on their plate. What would one more / one less be?

Online games

Topmarks – One more and one less