



Year 2 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 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 2 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
I know
multiplication and
division facts for
10x table

For example:

For example: The five times table is a key skill for KS1 learners. They should already be able to count forward and backwards in 10's, now they need to apply that be able to multiplication facts. They should be able to answer these questions in any order, including missing number questions, e.g. $_ \times 10 = 20$.

Key Vocabulary

Tens, Ones
Multiple of 10 - a number that ends in 0
(10, 20, 30 ... 100)
Add
Subtract / Take away
Total
Sum
Equals

Questions to ask at home: What is 10s multiplied by 8? What is 3 lots of 10? What is 30 divided by 10? How many groups of 5 can you make from 10 objects
Things to try 10 times table song- Play a 10 times table song in the car when travelling. Can you beat the calculator? - Ask your child a 5 times table question, see if they can answer it before you type it into a calculator!

Online games

TT Rockstars , BBC Bitesize -, Topmarks - number bond hit the button

