



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.

Key Instant Recall Facts

Year 2 Summer 1

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 can tell the time to quarter to the hour

For example
Children need to be able to tell the time using a clock with hands (analogue clock). They should already be confident with reading o'clock, half past and quarter to/past. We have also covered minutes to the hour and minutes past in our maths lessons.

Key Vocabulary

Minute hand – the longer hand.
Hour hand – the shorter hand.
Half past – 30 minutes past the hour.
O'clock – on the hour
Quarter past – 15 minutes past the hour.
Quarter to – 45 minutes past the hour
__past__ e.g. five past one
__to__ e.g. ten to five

Questions to ask at home
What time is it?- Find as many opportunities as possible to ask your child what time it is throughout the day. This will also help them to understand what happens at different times.

Hula hoop clock- Use a hula hoop, chalk for the numbers and some sticks to make your own clock.

Time monitoring- Give your child responsibility for keeping track of the time, for example 'We need to take the cakes out of the oven at 5 past 2. Tell me when that is.'

Online games

https://mathsframe.co.uk/en/resources/resource/116/telling_the_time#

<https://www.sheppardsoftware.com/math/time/clock-splat-game>

