



Year 3 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 1 KIRF 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 3 Autumn 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 five minutes using 'past' and 'to' the hour.

For example:

This clock shows 5 minutes past 2 o'clock or 5 past 2.



Key Vocabulary

O'clock
past
to
minutes
hour
quarter to
quarter past
half past

Activities to try:

1. Count Around the Clock in 5s

Use an analogue clock and practise counting around it in fives: Continue all the way around to :55. Challenge: Cover the minute numbers and ask, "If the minute hand is on the 8, how many minutes past is it?"

2. Paper Plate Clock

Make a clock from a paper plate with movable hands. Ask your child to you different times. Then swap roles and let them test you.

3. Daily Time Questions

Throughout the day ask:
"What time will dinner be in 15 minutes?"
"It's 5:25 now. What time will it be in 5 minutes?"
"School starts at 8:50. Is it before or after that time?"

Useful Websites

[Telling the time to 5 minutes - Maths - Learning with BBC Bitesize](#)
[Telling the Time - Mathsframe](#)