



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 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 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.

<p>This term's KIRF 1</p> <p>I know multiplication and division facts for the 5x table.</p>	<p>Example or explanation</p> <p>Being able to recite the 5 times table. Know the multiplication and division facts e.g $1 \times 5 = 5$, $5 \div 1 = 5$ etc.</p>
<p>Key Vocabulary</p> <p>Multiplication, division, multiply, divide, steps of, counting in.</p>	<p>Skip counting Hopscotch: Draw a hopscotch grid outside or on paper and write the multiples of 5. Child to jump saying the numbers aloud and the multiplication sentence.</p> <p>Five Fact Bingo: Create a bingo grid with answers (5, 10, 15, 20) call out a multiplication or division question, child to mark the correct answer.</p>
<p>Online games to practise times tables</p>	

<p>This term's KIRF 2</p> <p>I can tell the time to five minutes using 'to the hour'.</p>	<p>Example or explanation</p> <p>To be able to read an analogue clock within 5 minute intervals focussing on to the next hour.</p> <p>e.g 25 minutes to 3, 20 minutes to 6, quarter to 7, ten minutes to 10, 5 minutes to 4.</p>
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Key Vocabulary

Hour, minute, O'clock, half past, quarter past, quarter to, five minutes to, hands, clock face.

DIY paper plate clock: Make a paper plate clock, then move the hands and ask "what time is it?" Focussing on times such as 5 minutes to 5 or 10 minutes to 12.

What's the Time, Teddy? Place a teddy in different locations, ask your child, "Teddy is going to bed in 5 minutes, what time will it be?"

Time check with a real clock: Ask your children to check the real clock at different times of the day. You could even set reminders e.g " Tell me when it's 5 to 8 so we can get ready for school."

Online games