

St Mary's Church of England Primary School & Nursery

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Dear Parents & Carers,

Please find below information about our new Key Instant Recall Facts (KIRFs) which are being introduced to improve mathematical key fact recall across school.

What are KIRFs?

To develop your child's fluency and mental maths skills, we are introducing 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 our school. 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 and accurately.

Instant recall of facts helps enormously with mental agility in maths lessons. When children move onto written calculations, knowing these key facts is very beneficial. For your child to become more efficient in recalling them easily, they need to be practised frequently and for short periods of time.

How can we access the KIRFs at home?

Each half term, children will focus on a Key Instant Recall Fact (KIRF) to practise and learn at home for the half term. Each child will receive a KIRFs Knowledge Organiser to take home, along with weekly homework to support their learning of their KIRF. The Knowledge Organisers will also be available on our school website, on your child's class page.

How do we practise the KIRFs?

The KIRFs include key vocabulary and examples of the key skills, as well as practical ideas to assist your child in grasping the key facts. Each KIRF also contains helpful suggestions of ways in which you could make this learning interesting and relevant. They are not designed to be a time-consuming task and can be practised anywhere - in the car, walking to school, etc. Regular practice - little and often - helps children to retain these facts and keep their skills sharp.



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How are the KIRFs developed in school?

Throughout the half term, the KIRFs will also be practised regularly and in short bursts in school and your child's teacher will assess whether they have been retained. Over their time at primary school, we believe that - if the KIRFs are developed fully - children will be more confident when working with number, understand its relevance, and be able to access the curriculum much more easily. They will be able to apply what they have learnt to a wide range of problems that confront us regularly.

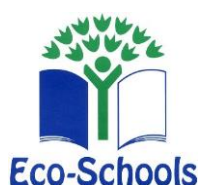
Children's achievements in KIRFs will be celebrated in school and shared with you each term, so that you may join in to congratulate and reward your child's hard work, both in school and at home.

If you have any questions about how to support your child at home with our KIRFs, please do not hesitate to contact your child's class teacher.

Thank you for your continued support,

Mrs Adamson

(Maths Curriculum Leader)



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