



Round Hill Primary School
'Dream, believe, achieve together'

- ✓ Reflecting
- ✓ Daring
- ✓ Persevering
- ✓ Dreaming
- ✓ Together

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Dear Parents/Carers

Maths Key Instant Recall Facts (KIRFs)

This year, we will be using Maths Key Instant Recall Facts (KIRFs) across all year groups in school. An important part of maths development has always been rote learning of certain maths facts. For many years this has included practising times tables and addition facts, such as number bonds and doubles. KIRFs are designed to support the development of the mental skills that underpin much of the mathematics work we do in school. They are particularly useful when calculating, be it adding, subtracting, multiplying or dividing. We know that, by internalising these key facts which have been carefully structured to build upon each other term by term, year by year, children will leave Round Hill with a much stronger foundation of mathematical understanding to build upon.

There are seven KIRF levels, each one named after a colour of the rainbow. Each KIRF level is allocated up to six facts to focus on throughout the year, in line with age related expectations. Over the next week, your child will come home with a letter explaining the KIRF they are currently working on. We ask that short periods of time be dedicated to learning these facts at home. Ideally, they should be practised at least 3 times each week (or in smaller daily bursts) to ensure that the KIRF is learnt so that children grow in confidence. It is important that they know these facts thoroughly and can recall them instantly. Whilst children have a wide range of abilities in mathematics, the KIRFs are designed to be a set of facts that need to be learnt thoroughly as they build on each other year on year. Again, we stress that the children must aim to know their KIRFs inside out, back to front and with instant recall. Children will be regularly assessed on their most recent KIRF at school. Teachers will track when pupils achieve their KIRF, moving them on when appropriate, and pupils who do not achieve will continue to work on it with support.

We strongly encourage you to engage with your children in the learning of their KIRFs and find fun and practical ways to do this. Ideas for practising will be given on the letter your child brings home for each new KIRF. There are also many online tools that you can use such as Numbots and Times Table Rock Stars, as well as Daily ten and Hit the button which can both be found through these web links.

<https://www.topmarks.co.uk/maths-games/daily10>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

We hope that you enjoy working alongside your children with this mathematics work. Should you have any questions about the KIRFs programme, please do not hesitate to contact the school.

Kind regards

Jodie Stephenson
Maths Subject Leader

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