Year 5 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.

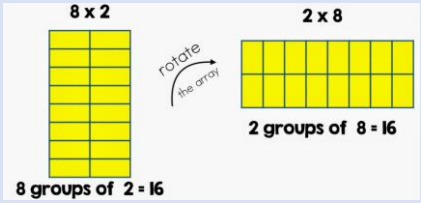
Each half term, children will focus on 2 KIRFS to practise and learn at home alongside the work that we will be doing weekly in school. They will include ideas to assist your child in grasping these key facts. They are not designed to be a time-consuming task and can be practised anywhere – in the car, walking to school etc. Regular practise – little and often – helps children to retain these facts.

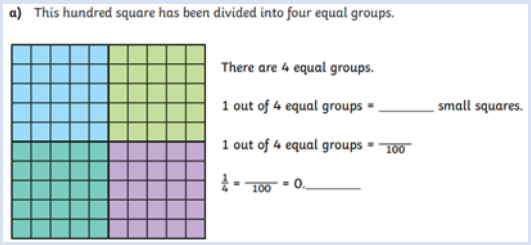
Over their time at primary school, we believe that – if the KIRFs are developed fully – children will be more confident with maths work, understand its relevance and be able to access the curriculum more easily. They will be able to apply what they have learned to a wide range of problems that confront us regularly.

Thank you for your support.

Key Instant Recall Facts
Year 5 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 1…… I know commutative facts for all multiplication tables.	For example 6 x 4 is the same as 4 x 6 If we know that 6 x 4 = 24 Then by reversing the calculation we know we get the same answer. This is a commutative fact.
Key Vocabulary multiplication fact array commutative	Play a game Practice showing the facts visually with arrays: 
Online games to practise times tables Hit the button https://www.topmarks.co.uk/maths-games/hit-the-button https://www.timestables.co.uk/	

This term's KIRF 2…… I know decimal equivalents of $\frac{1}{4}$, $\frac{1}{2}$ and 3/4	For example To convert a fraction into a decimal we must first expand the fraction so that it has a denominator of 100. Therefore: 1/4= 25/100 = 0.25
Key Vocabulary decimal, fraction equal, quarter denominator half, three quarters	Play a game  $\frac{1}{2}$= /100 =0.5 $\frac{3}{4}$ = 0.75
Online games to practice decimals	

https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY