



Year 1 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 1 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 can read and write numbers 1-10, at least, in numerals.

For example:

Roll two dice. Say the number and practice writing it.

Spot different numbers when you are out and about.

Key Vocabulary

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

One, two, three, four, five, six, seven, eight, nine, ten

Ten – a group of ten, for example 20 is made up of 2 tens.

One – an individual number that does not make a full ten, e.g., 10 is made up of 1 ten and 0 ones.

Digit – a number

Activities to try:

Counting Objects - Look around your home, can you find 8 objects? Count them out loud.

Number hunt – Go for a walk and see how many numbers between 1-10 you can spot, support your child to read each number aloud and talk about the number.

Online games

<https://www.topmarks.co.uk/Search.aspx?q=counting>

This term's KIRF 2.....

I can identify one more than a given number to, at least, 50.

For example:

Show your child a number and ask what one more is.

Key Vocabulary

Activities to try:

9 add 1?

What is 1 more than 6? Etc

Use practical resources – Make collections of 20 objects. Ask questions such as, “How many more conkers would I have left if I took away one?”

I have ten pieces of carrot on my plate.
What would one more be?

Online games

This website is to practise counting up or down from a given number:

<https://uk.ixl.com/math/year-1/count-up-and-down-up-to-10>

www.conkermaths.org