



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 Spring 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 1-20, at least, in numerals.

For example:

Practise counting to 20 and then writing the numerals, ensuring that numbers are written correctly.

Practice writing the numerals and the written word to match.

Key Vocabulary

- 11 - Eleven
- 12 - Twelve
- 13 - Thirteen
- 14 - Fourteen
- 15 - Fifteen
- 16 - Sixteen
- 17 - Seventeen
- 18 - Eighteen
- 19 - Nineteen
- 20 - Twenty

Activities to try:

Counting objects around the home and finding methods of counting accurately, e.g moving each object as it is counted. Use sweets, lego, fruit, stones, leaves etc

Looking for numbers up to 20 around the home and when you are out and about.

Count objects around the home and then write the correct numeral to match the quantity counted. Repeat with other numbers.

Discuss which number is the biggest/smallest or is more/less than the other. How do you know?

Online games

Number rap -

[Number Words Rap \(a song for spelling number words\) - YouTube](#)

This term's KIRF 2.....

I can recognise and name 2D shapes

For example:

Discuss the properties of 2D shapes (circle, square, triangle, oblong). Can the children recognise these shapes in different orientations and sizes?

For example, a square has 4 sides and 4 vertices, all sides are the same length.

Key Vocabulary

*Circle
Square
Triangle
Oblong*

Activities to try:

Make shapes with your own body.

Look at shapes within the natural environment, in pictures etc.

Cut out shapes in play dough and discuss how many sides and vertices they have.

Online games

Guess the shapes and discuss their sides and vertices:

<https://ictgames.com/mobilePage/shiftingShapes/index.html>

<https://www.topmarks.co.uk/shapes/2d-shape-reveal>