



Year 1 Autumn 1 KIRFS

Key Instant Recall Facts (KIRFs) are designed to support the development of the arithmetic skills that underpin all maths learning in school. KIRFs help reduce the cognitive load when learning maths and greatly support the development of mental maths agility.

Recall all number bonds of 10

$$1 + 9 \quad 2 + 8 \quad 3 + 7 \quad 4 + 6 \quad 5 + 5$$

Recall all doubles and halves to 10

$$1 + 1 = 2 \quad 2 + 2 = 4 \quad 3 + 3 = 6 \quad 4 + 4 = 8 \quad 5 + 5 = 10$$

$$\text{Half of 10 is 5} \quad \text{Half of 8 is 4} \quad \text{Half of 6 is 3} \quad \text{Half of 4 is 2} \quad \text{Half of 2 is 1}$$

In addition, you can help by practising the following:

Number bonds within 10	Number bonds within 10. Eg: Different ways to make 4: $1+3=4$ $2+2=4$ $0+4=4$ Different ways to make 6: $1+5=6$ $2+4=6$ $3+3=6$ etc
Recognise coins	Recognise coins. Eg: 