



Key Instant Recall Facts

Foundation Stage – Spring 1

I know number bonds for each number up to 4.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 1 = 1$	$0 + 3 = 3$	$0 + 4 = 4$
$1 + 0 = 1$	$1 + 2 = 3$	$1 + 3 = 4$
$1 - 1 = 0$	$2 + 1 = 3$	$2 + 2 = 4$
$1 - 0 = 1$	$3 + 0 = 3$	$3 + 1 = 4$
	$3 - 3 = 0$	$4 + 0 = 4$
$0 + 2 = 2$	$3 - 2 = 1$	$4 - 4 = 0$
$1 + 1 = 2$	$3 - 1 = 2$	$4 - 3 = 1$
$2 + 0 = 2$	$3 - 0 = 3$	$4 - 2 = 2$
$2 - 2 = 0$		$4 - 1 = 3$
$2 - 1 = 1$		$4 - 0 = 4$
$2 - 0 = 0$		

Key Vocabulary

What is 3 **add** 2?
What is **double** 2?
What is 1 **plus** 2?
What is 1 **more than** 3?
What is 1 **less than** 4?
What is 2 **subtract** 1?
What is 4 **minus** 2?

They should be able to answer these questions in any order, including missing number questions e.g. $3 + \bigcirc = 4$, $\bigcirc + 1 = 4$, $2 - \bigcirc = 1$, $\bigcirc - 1 = 3$

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Use practical resources – Your child has one potato on their plate, can they say how many more they need so they have 4? Give them three more, can they say how many they have now?

Find all the dominoes with a total of 1, 2, 3 and 4 dots. Write addition and subtraction facts for each.

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes on the web – your child could make a poster showing the different ways of making 2, 3 or 4.

Play games – You can play number bond matching pairs or snap. You could even place the facts around the house or the garden. When your child can recall these facts well, why not try and see how many questions they can answer in just one minute.

Use dominoes use find those that total 2, 3 and 4. Say addition and subtraction facts for these using the language above.