

# **Key Instant Recall Facts At Newton Leys Primary School**



To help develop children's fluency in mathematics, we ask them to learn Key Instant Recall Facts each half term.

The following sheets give a progression of skills in maths Key Instant Recall Facts to help parents support their child at home.

We expect children to practise their KIRFs at least 3 times a week.

Children will be assessed half termly on their KIRFs and supported in school to learn these facts.

# Key Instant Recall Facts

## Year 5 – Autumn 2

### I can identify prime numbers up to 20.

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

*A prime number is a number with no factors other than itself and one.*

*The following numbers are prime numbers:*

*2, 3, 5, 7, 11, 13, 17, 19*

*A composite number is divisible by a number other than 1 or itself.*

*The following numbers are composite numbers:*

*4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20*

#### Key Vocabulary

prime number

composite number

factor

multiple

Children should be able to explain how they know that a number is composite.

E.g. 15 is composite because it is a multiple of 3 and 5.

#### 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.

It's really important that your child uses mathematical vocabulary accurately. Choose a number between 2 and 20. How many correct statements can your child make about this number using the vocabulary above?

Make a set of cards for the numbers from 2 to 20. How quickly can your child sort these into prime and composite numbers? How many even prime numbers can they find? How many odd composite numbers?