



Year 5 - Spring 1

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:

4,6,8,9,10,12,15,16,18,20...

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?