



Key Instant Recall Facts

Year 5 Spring Term 2



I can identify prime numbers up to 20.

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

NOTE: 1 is NOT a Prime Number!

2 is the only prime number that is even. Children should understand that all other even numbers can be divided by 2 so they are NOT prime.

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

Practise little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: have a fact of the day.

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?

