## Key Instant Recall Facts

Y6-Summer 1

## I can identify prime numbers up to 50

| Essential Knowledge |  | Key Vocabulary |
| :--- | :--- | :--- |
| A prime number is a number with no <br> factors other than one and itself. <br> Children should begin by knowing the <br> prime numbers in order: | Now name the prime <br> numbers in each multiple <br> of 10 | Factor: 31 has only <br> 2 factors: 1 and 31 |
| $2,3,5,7,11,13,17,19,23,29$, | Which numbers between 0 <br> and 10 are prime? | Prime: A prime <br> number only has 2 <br> factors |
| $31,37,41,43$ and 47 | Which numbers between <br> 30 and 40 are prime? | Multiple: 19 is a <br> multiple of 1 and 19 |
| 1 is NOT PRIME as it only has 1 <br> factor. |  |  |

## Take it further:

A composite number is divisible by a number other than one and itself.
The following numbers are composite numbers: $4,6,8$, $9,10,12,14,15,16,18,20,22,24,25,26,27,28,30$, $32,34,35,36,38,40,42,44,45,46,48,49$ and 50

## Top Tips

The secret to successfully embedding knowledge is practising it little and often. Regularly return to the skills and incorporate into simple games and other activities.

Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day.

It is very important that your child uses mathematical vocabulary accurately.
Choose a number between 2 and 50 . How many correct statements can your child make about this number using the key vocabulary above. Make a set of cards for the numbers from 2 to 50 . 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 can they find?

Ideas:
Prime songs:

- https://www.youtube.com/watch?v=cRz4hW9SPPc

Websites that teach about primes:

- https://www.youtube.com/watch?v=r7sAVk-qpHk

