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	Now name the prime	
factors other than one and itself.	numbers in each multiple	Factor: 31 has only
Children should begin by knowing the	of 10	2 factors: 1 and 31
prime numbers in order:		
	Which numbers between 0	Prime: A prime
2, 3, 5, 7, 11, 13, 17, 19, 23, 29,	and 10 are prime?	number only has 2
31, 37, 41, 43 and 47		factors
	Which numbers between	
	30 and 40 are prime?	Multiple: 19 is a
1 is NOT PRIME as it only has 1		multiple of 1 and 19
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