Key Instant Recall Facts

Year 5: Spring 2

Donnington Wood CE Junior School

Target: I can recall prime numbers up to 50.

By the end of this half term, children in Year 5 should know the following facts and be able to recall them **instantly**:

A **prime number** is a number with **two factors**:
one and itself.

**2, 3, 5, 7, 11, 13, 17, 19,
23, 29, 31, 37, 41, 43, 47**

A **composite number** is divisible by a number other than one and itself.

**4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21,
22, 24, 25, 26, 27, 28, 30, 32, 33, 34, 35,
36, 38, 39, 40, 42, 44, 45, 46, 48, 49, 50**

Key Vocabulary

prime number, composite number, factor, multiple, divisible

Examples of Key Questions

What is a prime number?

What is a composite number?

Why is 1 not a prime number?

What is the next prime number after 13?

Name all the prime numbers between 20 and 30.

Children should be able to explain how they know that a number is prime or composite, e.g. 39 is a composite because it is a multiple of 3 and 13. They should also be able to say that 1 is neither prime or composite as it only has one factor: one.

Top Tips to help at home

The secret to success is to practise **little** and **often**. Use your time wisely. Can you practise these facts whilst walking to school, during a car journey or even at breakfast? You don't need to learn them all at once: perhaps try learning a fact a day.

Flashcards – Make a set of cards for the numbers 1 to 50. How quickly can your child sort these into prime and composite numbers? Which is the odd one out? How many even prime numbers are there? How many odd composite numbers are there?

Play games – Choose a number between 1 and 50. How many correct statements can your child make using the key vocabulary in the box above?

Pattern spotting – Colour all of the prime numbers on to a hundred square. Can your child spot any patterns between the prime numbers?

Useful website links

Maths Nook	Third Space Learning	BBC Bitesize	Transum	ABCya Games
Prime number games	Guide	Prime numbers	Levelled prime number game	Number Ninja game