



Donnington Wood CE  
Junior School

# Key Instant Recall Facts

Year 5: Spring 1

**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](#)

Prime number  
games



[Third Space  
Learning](#)

Guide



[BBC Bitesize](#)

Prime numbers



[Transum](#)

Levelled prime  
number game



[ABCya Games](#)

Number Ninja  
game

