## Knowledge Organiser

| Year Group | Subject | Topic |
| :---: | :---: | :---: |
| 5 | Maths | Place Value |

## The Big Picture

In this unit, children will learn to read Roman numerals to 1000 and the date. They will read, write and partition numbers within $1,000,000$, compare and label them on a number line. Children will begin counting in powers of 10 to find more or less than a number and use their knowledge to solve multi step problems. We will explore factors, multiples and prime numbers.

## Enquiry Questions

What is the date in Roman numerals? What is the value of 7 in 61,794 ? What is rounding? When do you round up or down? What are the factors of 20 ? What are multiples of 6 ? What are the prime numbers to 20 ?


## Key Vocabulary

| Partition | Splitting numbers e.g. 658 can be partitioned into 600,50 and 8. |
| :--- | :--- |
| Factors | A number that divides the given number exactly. E.g. 3 and 6 are factors of 12. |
| Multiples | Example: $4,8,12,16,20$ are multiples of 4. |
| Prime numbers | Numbers which are only divisible by themselves and 1. E.g. $2,3,5,7,11,13,17,19$ |

