



# Half Termly Curriculum Overview

Year 5 Spring Term 2020

## First half

### Number - multiplication and Division

Recognise and use square numbers and cube numbers, and the notation for squared and cubed.

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000.

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

Multiply and divide numbers mentally drawing upon known facts

Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

### Measurement - Perimeter and Area

Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.

Calculate and compare the area of rectangles (including squares), and including

## Second half

### Fractions

Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements  $> 1$  as a mixed number

Compare and order fractions whose denominators are all multiples of the same number.

Add and subtract fractions with the same denominator and denominators that are multiples of the same number

### Number - Addition and subtraction

Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

### Geometry

Identify:

-angles at a point and one whole turn (total  $360^\circ$ ) -angles at a point on a straight line and  $\frac{1}{2}$  a turn (total  $180^\circ$ ) -other multiples of  $90^\circ$ .

Use the properties of rectangles to deduce related facts and find missing lengths and angles.

## Homework

- **Maths:** Homework is set to consolidate work covered in class. It is sent out on a Friday and must please be returned the following Wednesday.
- In addition, all children must continue to revise their multiplication tables building up the speed and accuracy with which they recall all facts to  $12 \times 12$ .