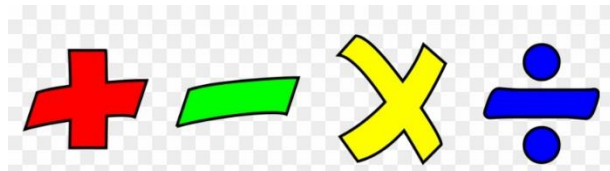


Year 5 Maths Curriculum

Spring



Multiplication and Division

- Multiply numbers up to 4 digits by a 1 or 2 digit number using a formal written method, including long multiplication for 2 digit numbers.
- Multiply and divide numbers mentally drawing upon known facts.
- Divide numbers up to 4 digits by a 1 digit number using the formal written method of short division and interpret remainders appropriately for the context.
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the = sign.
- Solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates.

Fractions, decimals and percentages

- Compare and order fractions whose denominators are all multiples of the same number.
- 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 (eg: two fifths add four fifths = six fifths = 1 and one fifth).
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
- Multiply proper fractions and mixed numbers by whole numbers supported by materials and diagrams.
- Read and write decimal numbers as fractions (e.g. $0.71 = 71$ hundredths).
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- Round decimals with 2 decimal places to the nearest whole number and to one decimal place.
- Read, write, order and compare numbers with up to 3 decimal places.
- Solve problems involving numbers up to 3 decimal places.
- Recognise the % symbol and understand that % relates to the number of parts per hundred.
- Write percentages as a fraction with denominator of 100, and as a decimal.
- Solve problems which require knowing percentage and decimal equivalents of a half, quarter, a fifth, two fifths, four fifths and those fractions with a denominator of a multiple of 10 or 25.

Reasoning and problem solving linked to all of the above.