

KS3 Baseline Maths Core Scales Checklist

Strand: Number and Place Value

I can write and order numbers up to 10,000,000 and determine the value of each digit.

I can use negative numbers in context and calculate intervals across zero.

I can round any whole number to a required degree of accuracy.

I can solve number and practical problems.

Strand: Addition, Subtraction, Division and Multiplication

I can multiply multi-digit numbers up to 4 digits by a two-digit whole number.

I can identify common factors, common multiples and prime numbers.

I can divide numbers up to 4 digits by a two-digit whole number using short division.

I can perform mental calculations.

I can solve addition and subtraction multi-step problems in contexts.

Strand: Fractions

I can compare and order fractions.

I can divide proper fractions by whole numbers.

I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

I can identify the value of each digit in numbers given to three decimal places.

Strand: Ratio and Proportion

I can solve problems involving the relative sizes of two quantities.

I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

I can solve problems involving the calculation of percentages and the use of percentages for comparison.

Strand: Algebra

I can generate and describe linear number sequences

I can use simple formulae.

I can express missing number problems algebraically.

Strand: Measurements

I can solve problems involving the calculation and conversion of units of measure.

I can recognise that shapes with the same areas can have different perimeters and vice versa.

Geometry

I can recognise angles where they meet at a point.

I can compare and classify geometric shapes based on their properties and sizes.

I can draw 2-D shapes using given dimensions and angles.

I can recognise, describe and build simple 3-D shapes, including making nets.

I can find missing angles.

Statistics

I can interpret and construct pie charts and use them to solve problems.

I can interpret and construct line graphs and use them to solve problems.