

2021 / 2022 Mathematics Whole School Curriculum Map

We use the Lancashire Disc as the basis for planning and delivering maths. Each year's overview is broken down into weekly units and all units are taught in the order specified. Exceptions may be where a specific focussed week has been organised. For example, money based activities during money week, problem solving during a problem solving week etc.

The curriculum is spiral within the year, with most areas being taught more than once and being built on throughout the year (Lancashire LAPS).

All units are to be taught with a Mastery focus and with the NCETM Ready to Progress and Curriculum Prioritisation materials as a focus.

Examples of problem solving activities are taken from a variety of different sources to ensure a curriculum rich in problems presented in different ways. These include, White Rose Maths, Power Maths, NCETM, Nrich and testbase.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6																																																																																				
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Addition and Subtraction	Multiplication and Division																																																																																										
Capacity and Volume	Subtraction - Difference																																																																																										
Fractions	Measurement																																																																																										
Position and Direction Time	Sorting and Sequencing																																																																																										
2-D and 3-D Shape	Assess and Review Week																																																																																										
Sum 1	Sum 2																																																																																										
Number and Place Value and Statistics	Time																																																																																										
Addition and Subtraction	Multiplication and Division																																																																																										
Capacity / Volume and Temperature	Statistics Finding the Difference																																																																																										
Fractions	Length and Mass / Weight																																																																																										
Position and Direction Time	Sorting																																																																																										
2-D and 3-D Shape	Assess and Review Week																																																																																										
Sum 1	Sum 2																																																																																										
Multiplication Facts (Statistics)	Place Value (Measures)																																																																																										
Addition and Subtraction (Measures)	Mental Calculation																																																																																										
Multiplication and Division (Measures)	Fractions																																																																																										
2-D Shape Angles	Measures																																																																																										
Addition and Subtraction (Money)	Statistics																																																																																										
3-D Shape Sorting	Assess and Review Week																																																																																										
Sum 1	Sum 2																																																																																										
Counting and Sequences (Statistics)	Place Value																																																																																										
Fractions and Decimals (Measures)	Statistics																																																																																										
Fractions and Division	Addition and Subtraction (Statistics)																																																																																										
Measures Volume / Capacity / Mass	Multiplication and Division																																																																																										
Shape and Area	Shape																																																																																										
Multiplication Facts and Time	Assess and Review Week																																																																																										
Sum 1	Sum 2																																																																																										
Place Value Decimals	Place Value																																																																																										
Fractions	Written Calculations																																																																																										
Measures (Time) and Statistics	Fractions Percentages																																																																																										
Geometry	Measures (Mass, Volume and Capacity)																																																																																										
Addition and Subtraction	Area and Volume of Shapes																																																																																										
Multiplication and Division	Assess and Review																																																																																										
Sum 1	Sum 2																																																																																										
Place Value, Decimals and Fractions	Measurement (Mass, Volume, Capacity)																																																																																										
Mental and Written Calculation	Mental and Written Calculation																																																																																										
Calculating Fractions, Ratio and Proportion	Fractions																																																																																										
Coordinates, Translation and Reflection	Place Value Decimals																																																																																										
Algebra and Sequences	2-D and 3-D Shape																																																																																										
Measurement (Length / Time) Statistics (Mean)	Assess and Review Week																																																																																										
<p><u>Procedural knowledge</u></p> <p>Examples</p>	Counting to 10	Number bonds to 10 Names of basic 2D and 3D shapes	2x, 5x and 10x tables	3x, 4x, 8x tables Doubling and halving numbers to *****	6x, 7x, 9x, 11x, 12x tables	Decimal / fraction equivalents of ****	Decimal / fraction / % equivalents of ****																																																																																				
<p>Vocab</p>	Specified within each weekly unit on LCC Disc																																																																																										
<p>STEM sentences</p>	These are taken from the NCETM Ready To Progress Programme and the Curriculum Prioritisation Programmes.																																																																																										