Co-op Academy Walkden Hive Entry Level Maths Curriculum Overview 2022-23

Key Stage 4

Number System **Measure, Shape and Space** **Statistics and Data**

10	Core Theme	Using numbers and the number system – whole numbers, fractions and decimals	Using numbers and the number system – whole numbers, fractions and decimals	Using common measures, shape and space	Using common measures, shape and space	Using common measures, shape and space	Handling information and data
	Unit of Work	Count reliably up to 100 items. Read, write, order and compare numbers up to 200. Recognise and sequence odd and even numbers up to 100. Recognise and interpret the symbols +, −, ×, ÷ and = appropriately. Add and subtract two-digit numbers. Multiply whole numbers in the range 0 × 0 to 12 × 12 (times tables).	Know the number of hours in a day and weeks in a year; be able to name and sequence. Divide two-digit whole numbers by single-digit whole numbers and express remainders. Approximate by rounding to the nearest 10, and use this rounded answer to check results. Recognise simple fractions (halves, quarters and tenths) of whole numbers and shapes. Read, write and use decimals to one decimal place.	Calculate money with pence up to one pound and in whole pounds of multiple items and write with the correct symbols (£ or p). Read and record time in common date formats and read time displayed on. analogue clocks in hours, half hours and quarter hours, and understand hours from a 24-hour digital clock.	Use metric measures of length, including millimetres, centimetres, metres and kilometres. Use measures of weight, including grams and kilograms. Use measures of capacity, including millilitres and litres. Read and compare positive temperatures. Read and use simple scales to the nearest labelled division.	Recognise and name 2-D and 3-D shapes, including pentagons, hexagons, cylinders, cuboids, pyramids and spheres. Describe the properties of common 2-D and 3-D shapes, including numbers of sides, corners, edges, faces, angles and base. Use appropriate positional vocabulary to describe position and direction, including between, inside, outside, middle, below, on top,	Extract information from lists, tables, diagrams and bar charts. Make numerical comparisons from bar charts Sort and classify objects using two criteria. Take information from one format and represent the information in another format, including use of bar charts.

		Using numbers and the number system – whole numbers, fractions and decimals	Using numbers and the number system – whole numbers, fractions and decimals	Using common measures, shape and space	Using common measures, shape and space	Handling information and data	Revision
					forwards and backwards.		
11	**Core Theme**	**Using numbers and the number system – whole numbers, fractions and decimals**	**Using numbers and the number system – whole numbers, fractions and decimals**	**Using common measures, shape and space**	**Using common measures, shape and space**	**Handling information and data**	**Revision**
	Unit of Work	Count, read, write, order and compare numbers up to 1000. Add and subtract using three-digit whole numbers. Divide three-digit whole numbers by single- and double-digit whole numbers and express remainders. Multiply two-digit whole numbers by single- and double-digit whole numbers. Approximate by rounding numbers less than 1000 to the nearest 10 or 100	Recognise and continue linear sequences of numbers up to 100. Read, write and understand thirds, quarters, fifths and tenths, including equivalent forms. Read, write and use decimals up to two decimal places. Recognise and continue sequences that involve decimals.	Round amounts of money to the nearest £1 or 10p. Read, measure and record time using am and pm. Read time from analogue and 24-hour digital clocks in hours and minutes. Use and compare measures of length, capacity, weight and temperature using metric or imperial units to the nearest labelled or unlabelled division. Compare metric measures of length, including millimetres, centimetres, metres and kilometres.	Compare measures of weight, including grams and kilograms. Compare measures of capacity, including millilitres and litres. Use a suitable instrument to measure mass and length. Sort 2-D and 3-D shapes using properties, including lines of symmetry, length, right angles, angles, including in rectangles and triangles. Use appropriate positional vocabulary to describe position and direction, including eight compass	Extract information from lists, tables, diagrams and charts and create frequency tables. Interpret information, to make comparisons and record changes, from different formats, including bar charts and simple line graphs. Organise and represent information in appropriate ways, including tables, diagrams, simple line graphs and bar charts.	

		and use this rounded answer to check results.			points and full/half/quarter turns.		