



Dean Bank Primary School
Medium Term Plan for Mathematics: Year 3



Summer 2022				
Block	Weeks	Key Vocabulary	Small Steps	National Curriculum Objectives
Measurement - Mass and capacity	1-2	Mass, grams, kilograms, volume, milliliters, liters, capacity, temperature, degrees	Measure capacity and volume in millilitres and litres Equivalent capacities and volumes Compare capacity and volume Add and subtract capacity and volume	- measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
Number - fractions (B)	3	Tenths, decimals, equivalent fractions, numerator, denominator, equal parts, whole, half, quarter, third, unit, non-unit	Add and subtract fractions Partitioning the whole Unit and non-unit fractions of a set of objects Reasoning with fractions of an amount	-Add and subtract fractions with the same denominator within one whole -Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
Measurement- money	4-5	Money, pounds, pence, change, amount, cost, coins, notes	Identify coins and notes (pounds and pence) Convert pounds and pence Add money Subtract money Find change	-Add and subtract amounts of money to give change, using both £ and p in practical contexts -
Measurement- time	6-8	o'clock, half past, quarter to, quarter past, month, year, leap year, twelve hour clock, twenty four hour clock, seconds, minutes, hours, roman numerals	Roman numerals to 12 Tell the time to 5 minutes then a minute Read time on a digital clock Use am and pm Years, months and days then days and hours Hours and minutes - use start and end times, use durations Measuring time in minutes and seconds Units of time then solve problems with time	- Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks - Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight -Know the number of seconds in a minute and the number of days in each month, year and leap year -Compare durations of events

Geometry- shape	9-10	Greater/less than 90 degrees, orientation, horizontal, vertical, parallel, perpendicular, 2-D, 3-D, clockwise, anti-clockwise, turn, angle	Turns and angles Right angles Comparing angles Measure and drawing shapes accurately Horizontal and vertical Parallel and perpendicular Recognise, describe and make 2-D shapes Draw polygons Recognise, describe and make 3-D shapes Make 3-D shapes	-Recognise angles as a property of shape or a description of a turn -Identify right angles, recognise that two right angles make a half turn, three make three-quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle Measure the perimeter of simple 2-D shapes -Draw 2-D shapes and make 3-D shapes using modelling materials; -recognise 3-D shapes in different orientations and describe them -Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) - identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
Statistics	11-12	Tally charts, pictograms, bar charts, tables, interpret, data, information	Interpret pictograms Draw pictograms Interpret bar charts Draw bar charts Collect and represent data Two-way tables	-Interpret and present data using bar charts, pictograms and tables -Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables
Consolidation	13			