Year 5 Mathematics Yearly Planning Overview

Summer 2 TBA- use to consolidate weakest areas

Refer to Multi-tick on PA

Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	(3 days) **Inspirational maths** Positive maths mind set Problem solving poster	Division and multiplication Properties of number. Mental calculations	(4 days) **Measure –Perimeter and area** Compare and estimate (area), Measure & calculate (perimeter and area)	Calculations Addition, subtraction, multiplication and division methods revision. ● Balancing equations Missing numbers in calculations	(4 days) **Geometry - angles** Calculating angles	Multiplication & Division Mental, Written, problem solving
2	Place value - read, write and compare Read and write (Inc. Roman numerals), understand PV (Inc. Decimals), comparing , counting (negative)	Multiplication Representations; Written: column method 1 by 4, 2 by 2	Measure –Perimeter and area Compare and estimate (area), Measure & calculate (perimeter and area)	Fractions (percentages) Equivalence: fractions-decimals-% Recognise,	Fractions - multiply Multiply fractions (can refer to Yr4 3.6 (TP1-5)	Place Value Rounding numbers Roman Numerals
3	Place Value - rounding, power of 10 Rounding , counting (x and ÷ 10,100,1000)	Division Representations (grouping / sharing), Written: Short division up to 4 by 1 , Problem solving: fractions of quantities	Measure - Volume & imperial units Compare and estimate (volume) , converting (metric and imperial)	Fractions (fractions) Compare fractions, compare decimals	Geometry –position Position & direction – translation	Fractions and Decimals Ordering fractions with diff denoms Decimals as fractions Ordering decimals
4	Addition Representations, Written: column addition (4 digits) with exchanges; crossing zeros; with decimals	Fractions- equivalents 3.7 (Tp1-3) Equivalents and compare, simplify	Fractions – Mixed/improper Add& Subtract: Mixed number & improper fractions (can refer to Yr4 3.6 (TP1-5))	Assessment	(4 days) **Measure-time** Telling the time: Convert units of time; using timetables; solve problems	Fractions Fractions of amounts 2Step problems eg. 1/3 have blue, how many are red? Adding and subtracting fractions (breaking the whole)
5	Subtraction Representations, Written: column subtraction (4 digits with decimals) with exchanges	Assessment	Fractions – Add & subtract: 3.8 (TP1--5)	Geometry- angles Draw and construct, angles	Statistics Interpret, construct & present: problem solving	Assessment + Analogue time revision
6	Measure –Conversions (length/mass/capacity) Measure & calculate, Converting :Covert metric units (1000-kilo/milli & 100/10-centi)	Fractions (decimals) Recognise, compare decimals, round decimals	Problem Solving Measure Falcon strategies Problem solving poster		Addition & Subtraction Mental, Written, inverse	Geometry Parallel/Perpendicular Reflection over a mirror line

7	<u>Problem Solving</u> Add and subtract Falcon strategies	<u>Geometry-shape</u> See Yr 4obj : compare and classify, identify and draw (symmetry) (reflection)				<u>Catch up week</u> More time, timetables and statistics?
8	Consolidation of autumn 1					