Alfriston School – Maths Curriculum Cycle

Year Group		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Pearl Class (EYFS)	**EYFS**	Match, sort and compare Talk about measure and patterns It's me 1, 2, 3	Circles and triangles 1, 2, 3, 4, 5 Shapes with 4 sides	Alive in 5! Mass and capacity Growing 6,7,8 Length, height and time	Building 9 and 10 Explore 3-D shapes	To 20 and Beyond How many now? Manipulate, compose and decompose	Sharing and grouping Visualise, build and map
Ruby Class (Year 1 & 2)	**Year 1**	Previous Reception experiences and counting within 100	Comparison of quantities and part–whole relationships Numbers 0 to 5	Recognise, compose, decompose and manipulate 2D and 3D shapes Numbers 0 to 10	Additive structures Addition and subtraction facts within 10	Numbers 0 to 20 Unitising and coin recognition	Unitising and coin recognition Position and direction Time
	Year 2	Numbers 10 to 100 Calculations within 20	Fluently add and subtract within 10 Addition and subtraction of two-digit numbers (1) Introduction to multiplication	Introduction to multiplication Introduction to division structures	Shape Addition and subtraction of two-digit numbers (2)	Money Fractions Time Position and direction	Multiplication and division – doubling, halving, quotitive and partitive division Sense of measure – capacity, volume, mass

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Sapphire Class (Year 3 & 4) Cycle A	**Year 3 & 4**	Adding and subtracting across 10 Numbers to 1,000	Numbers to 1,000	Numbers to 10,000	Column addition Column subtraction 3,6,9 times table	7 times table and patterns Fractions	Fractions greater than 1 Parallel and perpendicular sides in polygons Symmetry in 2D shapes
Sapphire Class (Year 3 & 4) Cycle B		Adding and subtracting across 10 Numbers to 1,000	Solving problems with 2 unknowns Manipulating the additive relationship and securing mental calculation Column addition Column subtraction 2, 4, 8 times tables	Understanding and manipulating multiplicative relationships Solving problems with 2 unknowns Negatives numbers	Unit fractions Non-unit fractions Mean average	Non-unit fractions Fractions greater than 1 Right angles	Perimeter Coordinates Division with remainders
Emerald Class - Year 5 & 6 Cycle A	**Year 5 & 6**	Decimal fractions Money Order of operations and algebra	Negative numbers Short multiplication and short division	Multiplication and division Fractions	Fractions and percentages Calculating with decimal fractions Area and scaling	SATS revision SATS	Factors, multiples and primes Converting units Angles
Emerald Class - Year 5 & 6 Cycle B		Calculating using knowledge of structures Multiples of 100	Numbers up to 10,000,000 Decimal fractions Fractions Multiplication and division	Multiplication and division Area, perimeter, position and direction Fractions and percentages	Fractions and percentages Statistics Ratio and proportion	Revision for KS2 SATS SATS Mean average	Draw, compose and decompose shapes Calculating using knowledge of structures Solving problems with 2 unknowns Order of operation and algebra