ST JOHN'S WHOLE SCHOOL MATRIX—MATHS

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
EYFS Nursery & Reception	EYFS use Lancashire Scheme of work and Lancashire LAPs. It uses the same teaching methods as Y1-Y6 based around CPA approach and problem solving. It covers number and numerical patterns. ELG: Number Children at the expected level of development will: - Have a deep understanding of number to 10, including the composition of each number; 14 - Subitise (recognise quantities without counting) up to 5; - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. ELG: Numerical Patterns Children at the expected level of development will: - Verbally count beyond 20, recognising the pattern of the counting system; - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity; - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.					
YEAR 1 **INSPIRE**	Numbers to 10 *I1U1* Number Bonds *I1U2* Addition within 10 *I1U3* Subtraction within 10 *I1U4*	Shapes and Patterns *I1U5* Ordinal Numbers *I1U6* Numbers to 20 *I1U7* Addition and Subtraction within 20 *I1U8*	Length *I1U9* Mass *I1U10* Pictures Graphs *I1U11*	Numbers to 40 *I1U12* Mental Calculations *I1U13* Multiplication *I1U14*	Multiplication *I1U14* Division *I1U15* Fractions 1/2 1/4 Time *I1U16*	Numbers to 100 *I1U17* Money *I1U18&19*
YEAR 2 **INSPIRE**	Numbers to 1000 *I2U1* Addition and Subtraction within 1000 *I2U2*	Addition and Subtraction within 1000 *I2U2* Using models: Addition and Subtrac-tion *I2U3* Multiplication and Division *I2U3*	Multiply by 2 and 3 *I2U5* Multiply by 4,5,and 6 *I2U6* Using Models: Multiplication and Division *I2U7* Length *I2U8* Mass *I2U9*	Mental Calculations *I2U10* Money *I2U11* Fractions *I2U12*	Time *I2U13* Volume *I2U14*	Graphs *I2U15* Lines and Surfaces *I2U16* Shapes and Patterns *I2U17*
YEAR 3 **INSPIRE**	Numbers to 10000 *I3U1* Addition of Numbers to 10000 *I3U2* Subtraction of Numbers to 10000 *I3U4* Solving World Problems 1 Addition and Subtraction *I3U5* *(Times Tables Recall-continuous)*	Multiplication *I3U6* Division *I3U7* Solving Word Problems 2 Multiplication and Division *I3U8* *(Times Tables Recall-continuous)*	Mental Calculations *I3U9* Money *I3U10* Length, Mass and Volume *I3U11* Solving Word Problems: Length, Mass and Volume *I3U12* *(Times Tables Recall-continuous)*	Bar Graphs *I3U13* Fractions *I3U14* *(Times Tables Recall-continuous)*	Time *I3U15* Angles *I3U16* *(Times Tables Recall-continuous)*	Perpendicular and parallel lines *I3U17* Area and perimeter *I3U18* *(Times Tables Recall-continuous)*
YEAR 4 **INSPIRE**	Numbers to 100000 *I4U1* Rounding, Factors and Multiples *I4U2* *(Times Tables Recall-continuous)*	Multiplication 1 & 2 digit *I4U3* Division 1 digit Word Problems Tables and Line Graphs *I4U4* *(Times Tables Recall-continuous)*	Fractions *I4U5* Angles *I4U6* Perpendicular and parallel lines *I4U7* Squares and Rectangles *I4U8* *(Times Tables Recall-continuous)*	Decimals 1 tenths, hundredths, thou-sands *I4U9* Decimals 2 Word Problems +,-,x,÷ *I4U10* *(Times Tables Recall-continuous)*	Time *I4U11* Area and perimeter *I4U12* *(Times Tables Recall-continuous)*	Symmetry *I4U13* Tessellation *I4U14* *(Times Tables Recall-continuous)*
YEAR 5 **INSPIRE**	Numbers to 10 million *I5U1* Place Value *I5U1* Comparing and rounding *I5U1* Multiplication & Division *I5U2* Order of operations *I5U2* Word problems *I5U2* Roman Numerals *NC5.4*	Fractions 1 Addition and Subtraction Word problems and converting to decimals *I5U3* Fractions 2 Division and multiplication Word Problems *I5U4*	Area of a triangle *I5U5* Ratio *I5U6* Decimals: Converting decimals to fractions Multiplying and dividing *I5U7*	Measurement Converting units *I5U8* Mean (average) *I5U9* Percentages: Fractions to percentages Percentages of quantities Word problems *I5U10*	Angles *I5U11* Properties of Triangles and 4-sided shapes *I5U12*	Geometry Properties of 2D shapes *I5U13* Volume of cubes and cuboids *I5U14*
YEAR 6 **INSPIRE**	Number &Place Value to 10 million*I5U1* Factor, Multiples, Primes *NC6.5* Algebra & Number Problems *I6U1* Angles in Shapes and properties of 2DShapes *I6U2 NC6.14-15* *(Arithmetic +,-,x,÷ continuous NC6.2-4)*	Fractions to division and decimals Fractions *I6U4 NC6.6-8* Ratio and Proportion I6U6 3D Shapes/Nets *I6U3* Area/Perimeter I6U10 Volume *I6U11* *(Arithmetic +,-,x,÷ continuous NC6.2-4)*	Percentages and Decimals *I6U5* Co-ordinates/Symmetry/translation Circles I6U8 NC6.17-18 *(Arithmetic +,-,x,÷ continuous NC6.2-4)*	Mixed word problems-SATS revision X and ÷ by 10, 100, 1000 to 3dp Negative Numbers *NC6.1* Order of Operation *I5U2* Data Graphs and Charts Pie Charts *I6U9 NC6.19-20* *(Arithmetic +,-,x,÷ continuous NC6.2-4)*	Mixed word problems-SATS revision *(Arithmetic +,-,x,÷ continuous NC6.2-4)*	Speed *I6U7* Circles—area *I6U8* *(Arithmetic +,-,x,÷ continuous NC6.2-4)*

MATHS PLANNING

ST JOHN THE BAPTIST

MATHS PLANNING

ST JOHN THE BAPTIST

MATHS PLANNING

ST JOHN THE BAPTIST

MATHS PLANNING

ST JOHN THE BAPTIST