Year 6 Curriculum Map Maths 2023-24

Autumn (15 weeks)														
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**	**Week 8**	**Week 9**	**Week 10**	**Week 11**	**Week 12**	**Week 13**	**Week 14**	**Week 15**
Numbers up to 10,000,000 White Rose			**Addition and Subtraction (HT MTP)**			**Multiplication and Division (HT MTP)**				**Fractions and Decimals (NCETM)**				
Spring (12 Weeks)														
Percentages NCETM			**Converting Units (NCETM)**			**Perimeter, Area and Volume (NCETM)**			**Statistics (White Rose)**	**Algebra and Ratio (White Rose)**				
Summer (13 Weeks)														
Properties of Shape (White Rose)			**Position + Direction (White Rose)**			**Post SATs KS3 Transition Work**								

Perimeter, Area and Volume	Properties of Shape	Algebra, BIDMAS and Ratio	Statistics	Position and Direction Shape
Shapes same area Area and perimeter Area of a triangle Area of a triangle Area of a triangle Area of a parallelogram What is volume? Volume counting cubes Volume of a cuboid **9 lessons** *1 week revision perimeter/area of rectilinear shapes etc.	Measure with a protractor Draw lines accurately Introduce angles Angles on a straight line Angles around a point Calculate angles Vertically opposite angles Angles in a triangle Angles in a triangle (2) Angles in a triangle missing angles Angles in special quadrilaterals Angles in regular polygons Draw shapes accurately Draw nets of 3D shapes **14 lessons**	Find a rule one step Find a rule two step Forming expressions Substitution Formulae Forming equations Solve simple one step equations Solve two step equations Find pairs of values Use ratio language Ratio and fractions Introducing the ratio symbol Calculating ratio Using scale factors Ratio and proportion problems **15 lessons**	Line graphs Circles Read and interpret pie charts Draw pie charts The mean **5 lessons**	The first quadrant Four quadrants Translations Reflections **4 lessons**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Number and Place Value (HT MTP)			**Addition and Subtraction (HT MTP)**			**Multiplication and Division (HT MTP)**			
<u>Place Value:</u> Read and write numbers up to 1 million Read and write numbers up to 10 million Compare numbers up to 10 million Order numbers up to 10 million Round to 10, 100 and 1,000 Round to the nearest 10,000, 100,000 and 1,000,000 **<u>Negative Numbers:</u>** Introduction to negative numbers Pupils interpret sets of negative and positive numbers in a range of contexts Pupils use their knowledge of positive and negative numbers to calculate intervals Pupils explain how negative numbers are used on a coordinate grid Pupils use their knowledge of positive and negative numbers to interpret graphs **(11 lessons)**			**Addition and Subtraction of Decimals** Adding and subtracting with decimals up to 3 decimal places (revision) **Addition and Subtraction Word Problems** Solve addition and subtraction problems in context deciding which operations to use and why. Solve addition and subtraction problems in context deciding which operations to use and why. **Inverse** Using the inverse to solve missing box calculations. Using the inverse to solve missing box calculations. **(5 lessons)**			**Factors, Common Multiples, Squared, Cubed, Prime** Multiples and common multiples Factors and common factors Prime, squared and cube numbers **Long Multiplication:** Multiply 4-digits by 1-digit column multiplication Multiply 2-digits by 2-digits column multiplication Multiply 2-digits by 2-digits column multiplication Multiply 3-digits by 2-digits column multiplication Multiply 3-digits by 2-digits column multiplication Multiply 4-digits by 2-digits column multiplication Multiply 4-digits by 2-digits column multiplication **Short Division** Divide 4 digit by 1 digit Divide 4 digit by 1 digit with remainders in context Divide 4 digit by 1 digit with decimal remainders Divide 4 digit by 1 digit with remainders as a fraction **Long Division** Divide 3 digits by 2 digits chunking (e.g. 12, 13, 17) Divide 3 digits by 2 digits chunking (e.g. 23, 34, 42) Divide 4 digits by 2 digits chunking (e.g. 12, 13, 17) Divide 4 digits by 2 digits chunking with remainders in different contexts **Multiply with decimals** Multiply a whole number by a decimal with 1dp **Multiply and divide by 10, 100 and 1000** Multiply and divide a whole number by 10, 100 and 1000		

		Multiply and divide a decimal by 10, 100 and 1000 Solve multiplication and division problems in context deciding which operations to use and why. Solve multiplication and division problems in context deciding which operations to use and why.