Mathematics Mastery Curriculum Map: Year 6

Autumn

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Integers and decimals		**Multiplication and division**			**Calculation problems**		**Fractions and decimals**			**Percentages (with fraction and decimal equivalence)**	**Revision and consolidation time**
• Represent, read, write, order and compare numbers up to ten million • Round numbers, make estimates and use this to solve problems in context Solve multi-step problems		• Identify and use properties of number, focusing on primes • Multiply larger integers and decimal numbers • Divide integers by 1-digit and 2-digit numbers representing remainders appropriately			• Use of brackets • Use knowledge of the order of operations to carry out calculations • Generate and describe linear number sequences • Express missing number problems algebraically • Solve equations with unknown values		• Deepen understanding of equivalence • Order, simplify and compare fractions, including those greater than one • Recall equivalence between common fractions and decimals • Find decimal quotients using short division • Add and subtract fractions • Represent multiplication involving fractions • Multiply two proper fractions • Divide a fraction by an integer		• Calculate and compare percentages of amounts • Connect percentages with fractions • Explore the equivalence	

Spring

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Decimals and measures			**Missing angles and length**	**Coordinates and shapes**		**Statistics**	**Proportion problems**		**Revision and consolidation time**	
• Use, read, write and convert between standard units of measures; length, mass, time, money and volume as well as imperial units • Calculate the area of parallelograms and triangles • Calculate, estimate and compare the volume of cuboids			• Compare and classify a range of geometric shapes • Use angle facts to find unknown angles	• Draw a range of geometric shapes using given dimensions and angles • Describe, draw, translate and reflect shapes on a co-ordinate plane • Recognise and construct 3-D shapes • Name parts of a circle		• Calculate the mean • Construct and interpret lines graphs and pie charts • Compare pie charts	• Use fractions to express proportion • Identify ratio as a relationship between quantities and as a scale factor • Unequal sharing involving ratio			

Summer

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Revision and consolidation time			**Post SATs units of work *(coming 2025-26)***								

The Dimensions of Depth - Conceptual Understanding, Language and Communication and Mathematical Thinking - underpin all aspects of the curriculum; problem solving is at the heart and is embedded in all units.