Year 5 Maths Overview

Master the Curriculum	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value	Number: Place Value	Number: Place Value	Number: Addition and subtraction	Number: Addition and subtraction	Statistics	Statistics	Number: Multiplication and Division	Number: Multiplication and Division	Number: Multiplication and Division	Measurement: Perimeter and Area	Measurement: Perimeter and Area
Spring	Number: Multiplication and Division	Number: Multiplication and Division	Number: Multiplication and Division	Number: Fractions	Number: Fractions	Number: Fractions	Number: Fractions	Number: Fractions	Number: Fractions	Number: Decimals and Percentages	Number: Decimals and Percentages	Consolidation
Summer	Consolidation	Number: Decimals	Number: Decimals	Number: Decimals	Geometry: Properties of Shape	Geometry: Properties of Shape	Geometry: Properties of Shape	Measurement: Position and Direction	Measurement: Position and Direction	Measurement: Converting Units	Measurement: Converting Units	Measurement: Volume

Year 5 Autumn Term Overview

Week 1 PV	• 1000s, 100s, 10s, 1s (Complete Sentences) • Numbers to 10,000 • Rounding to the Nearest 10 • Rounding to the Nearest 100 • Rounding to 10, 100 and 1000
Week 2 PV	• Numbers to 100,000 • Compare Numbers • Round Numbers within 100,000 • Numbers to 1,000,000 • Counting in Powers of 10
Week 3 PV	• Compare Numbers • Round within a Million • Negative Numbers • Roman Numerals • Place Value Assessment
Week 4 A&S	• Add Two 4-digits Numbers – One Exchange (Cut Out Problems) • Add Two 4-digits Numbers – More Than One Exchange • Add More Than 4-digits (Cut Out Problems) • Subtract Two 4-digits Numbers - One Exchange • Subtract Two 4-digits Numbers – More Than One Exchange
Week 5 A&S	• Subtract More Than 4-digits • Estimate and Approximate • Inverse Operations • Multi-Step Problems • Assessment
Week 6 Statistics	• Interpret Charts • Comparison, Sum and Difference • Introducing Line Graphs • Read and Interpret Line Graphs • Draw Line Graphs
Week 7 Statistics	• Problems with Line Graphs • Read and Interpret Tables • Two Way Tables • Read and Interpret Timetables
Week 8 M&D	• Multiples • Factors • Common Factors • Prime Numbers • Square Numbers
Week 9 M&D	• Square Numbers • Cube Numbers • Multiply by 10 • Multiply by 100 • Multiply by 10, 100, 1000
Week 10 M&D	• Divide by 10 • Divide by 100 • Divide by 10, 100, 1000 • Multiples of 10, 100, 1000 • Multiplication and Division Assessment
Week 11 Perimeter & Area	• Measure Perimeter • Perimeter on a Grid • Perimeter of Rectangles • Perimeter of Rectilinear Shapes • Calculate Perimeter
Week 12 Perimeter & Area	• Counting Squares • Area of Rectangles • Area of Compound Shapes • Area of Irregular Shapes • Multiplication and Division

Year 5 Spring Term Overview

Week 1 M&D	• 2-digit by 1-digit • 3-digit by 1-digit • 4-digit by 1-digit • Area Model • Area Model (Place Value Counters)
Week 2 M&D	• Multiply 2-digits by 2-digits • Multiply 3-digits by 2-digits • Multiply 4-digits by 2-digits (Basic Practice) • Multiply 4-digits by 2-digits (Word Problems) • Divide 2-digits by 2-digits
Week 3 M&D	• Divide 2-digis by 1-digit • Divide 3-digits by 1-digit • Divide 4-digits by 1-digit • Divide with Remainders • Multiplication and Division Assessment
Week 4 Fractions	• What is a Fraction • Equivalent Fractions • Equivalent Fractions (Using Models) • Fractions Greater Than 1 • Improper Fractions to Mixed Numbers
Week 5 Fractions	• Mixed Numbers to Improper Fractions • Number Sequences • Compare Fractions (Less Than 1) • Order Fractions (Less Than 1) • Compare Fractions (Greater Than 1)
Week 6 Fractions	• Order Fractions (Greater Than 1) • Add and Subtract Fractions • Add Fractions Within 1 Activity • Add Fractions Within 1 • Add 3 or More Fractions
Week 7 Fractions	• Add Fractions • Adding Activity • Add Mixed Numbers • Subtract Fractions • Subtract Mixed Numbers
Week 8 Fractions	• Subtraction – Breaking the Whole • Subtract 2 Mixed Numbers • Multiply Unit Fractions by an Integer • Multiply Non-Unit Fraction an Integer • Multiply a Mixed Number by an Integer
Week 9 Fractions	• Fractions of a Quantity • Fractions of an Amount • Using Fractions of Operators • Fraction Problem Solving • Assessment
Week 10 Decimals & Percentages	• Decimals Up to 2 DP • Decimals as Fractions (Conversion) • Decimals as Fractions (Use Models) • Understand Thousandths • Thousandths as Decimals
Week 11 Decimals & Percentages	• Rounding Decimals • Order and Compare Decimals • Understand Percentages • Percentages as Fractions and Decimals • Equivalent FDP
Week 12	• Consolidation

Year 5 Summer Term Overview

Week 1	• Consolidation
Week 2 Decimals	• Adding Decimals Within 1 • Subtracting Decimals Within 1 • Complements to 1 • Adding Decimals – Crossing the Whole • Adding Decimals with the same DP
Week 3 Decimals	• Subtracting Decimals Same DP • Add and Subtract Decimals Same DP • Adding Decimals Different DP • Subtracting Decimals Different DP • Add and Subtract Decimals Different DP
Week 4 Decimals	• Adding and Subtracting Wholes and Decimals • Decimal Sequences • Multiplying Decimals by 10, 100 and 1000 • Dividing Decimals by 10, 100 and 1000 • Mini Assessment
Week 5 Properties of Shape	• Identify Angles • Compare and Order Angles • Measure Angles in Degrees • Measure with a Protractor (1) • Measure with a Protractor (2)
Week 6 Properties of Shape	• Drawing Lines and Angles Accurately Activity • Drawing Lines and Angles Accurately • Calculating Angles on a Straight Line • Calculating Angles Around a Point • Triangles

Week 7 Properties of Shape	• Quadrilaterals • Calculate Lengths and Angles in Shapes • Regular and Irregular Polygons • Reasoning About 3D Shapes • Mini Assessment
Week 8 Position & Direction	• Describe Position • Draw on a Grid • Position in the 1st Quadrant • Translation • Translation with Coordinates
Week 9 Position & Direction	• Lines of Symmetry • Complete a Symmetrical Figure • Reflection • Reflections with Coordinates • Mini Assessment
Week 10 Converting Units	• Kilometres • Kilograms and Kilometres • Millimetres and Millilitres • Metric Units Activity • Metric Units
Week 11 Converting Units	• Imperial Units Activity • Imperial Units • Converting Units of Time • Timetables • Converting Units Assessment
Week 12 Volume	• What is Volume • Compare Volume • Estimate Volume • Estimate Capacity • Mini Assessment