Year 6 Maths Overview

	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: Addition, Subtraction, Multiplication and Division	Number: Addition, Subtraction, Multiplication and Division	Number: Addition, Subtraction, Multiplication and Division	Number: Addition, Subtraction, Multiplication and Division	Number: Addition, Subtraction, Multiplication and Division	Number: Fractions	Number: Fractions	Number: Fractions	Number: Fractions	Geometry: Position and Direction
Spring	Number: Decimals	Number: Decimals	Number: Percentages	Number: Percentages	Number: Algebra	Number: Algebra	Measurement: Converting Units	Measurement: Perimeter, Area and Volume	Measurement: Perimeter, Area and Volume	Number: Ratio	Number: Ratio	Activity Week
Summer	Statistics	Statistics	Geometry: Properties of Shape	Geometry: Properties of Shape	Geometry: Properties of Shape	Consolidation / SATS preparation		Consolidation, investigations and preparations for KS3				

Year 6 Autumn Term Overview

Week 1 **PV**	• Numbers to Ten Million • Numbers to Ten Million (Missing Numbers) • Compare and Order (Comparison Symbols) • Compare and Order (Number Maze) • Compare and Order (Ascending/Descending)
Week 2 **PV**	• Compare and Order • Round within 10 Million • Round within 10 Million (Missing Digits) • Negative Numbers • Negative Numbers (Word Problems)
Week 3 Four Operations	• Add and Subtract Integers (Calculate) • Add and Subtract Integers (Word Problems) • Multiply 4-digits by 2-digits • Short Division • Division Using Factors
Week 4 Four Operations	• Long Division • Long Division (2) • Long Division (3) • Long Division (4) • Long Division Mix
Week 5 Four Operations	• Common Factors • Common Multiples • Prime to 100 • Square and Cube Numbers (Complete Table) • Square and Cube Numbers (Comparison)
Week 6 Four Operations	• Order of Operations (Word Problem) • Order of Operations (Calculate) • Mental Calculations (Mix) • Mental Calculations (Estimate) • Reason from Known Facts

Week 7 Four Operations	• Common Multiples • Primes to 100 • Square and Cube Numbers • Order of Operations • Mental Calculations
Week 8 Fractions	• Simplify Fractions • Fractions on a Number Line • Compare and Order – Denominator (Mix) • Compare and Order – Denominator (Ascending/Descending) • Compare and Order – Numerator
Week 9 Fractions	• Add and Subtract Fractions (LCM) • Add and Subtract Fractions (Calculate) • Add and Subtract Fractions (LCM) • Add and Subtract Fractions (Word Problem) • Add Fractions
Week 10 Fractions	• Subtract Fractions • Mixed Addition and Subtraction • Multiply Fractions by Integers • Multiply Fractions by Fractions • Divide Fractions by Integers
Week 11 Fractions	• Divide Fractions by Integers • Mix of Multiplying and Dividing • Four Rules with Fractions • Fraction of an Amount • Find the Whole
Week 12 Position & Direction	• The First Quadrant • Four Quadrants (Plot Coordinates) • Four Quadrants (Missing Coordinates) • Translations • Reflections

Year 6 Spring Term Overview

Week 1 Decimals	• Three Decimal Places • Multiply by 10, 100 and 1000 • Divide by 10, 100 and 1000 • Multiply Decimals by Integers • Divide Decimals by Integers
Week 2 Decimals	• Division to Solve Problems • Decimals as Fractions (Shaded Decimal) • Decimal as Fractions (Complete Table) • Fractions to Decimals (Matching Activity) • Fractions to Decimals (Mix)
Week 3 Percentages	• Fractions to Percentages • Decimals Assessment • Understand Percentages • Fractions to Decimals • Equivalent FDP
Week 4 Percentages	• Percentages of an Amount (1) • Percentages of an Amount (2) • Missing Value (Word Problems) • Missing Value (Bar Model) • Fractions, Decimals, Percentages
Week 5 Algebra	• Find a Rule (One Step) • Find a Rule (Two Step) • Forming Expressions • Substitution • Number – Formulae
Week 6 Algebra	• Number – Formulae • Solve Simple One Step Equations • Solve Simple Two Step Equations • Find Pairs of Values • Find Pairs of Values (Enumerate Possibilities)

Week 7 Converting Units	• Metric Measures • Convert Metric Measures • Calculate with Metric Measures • Miles and Kilometres • Imperial Measures
Week 8 Perimeter, Area and Volume	• Shapes – Same Area • Area and Perimeter • Area of Triangle (1) • Area of Triangle (2) • Area of Triangle (3)
Week 9 Perimeter, Area and Volume	• Area of Parallelogram • What is Volume • Counting Cubes • Volume of a Cuboid • Assessment
Week 10 Ratio	• Using Ratio Language • Ratio and Fractions • Introducing The Ratio Symbol • Calculating Ratio Activity • Calculating Ratio
Week 11 Ratio	• Using Scale Factors • Calculate Scale Factors • Ratio and Proportion Problems (1) • Ratio and Proportion Problems (2) • Ratio Assessment
Week 12	• Activity Week

Year 6 Summer Term Overview

Week 1 Statistics	• Read and Interpret Graphs • Draw Line Graphs • Line Graphs Problems • Properties of Circles • Read and Interpret Pie Charts	**Week 7**	• Consolidation / SATS Preparation
Week 2 Statistics	• Pie Charts with Percentages • Draw Pie Charts • The Mean Activity • The Mean • Statistics Assessment	**Week 8**	• Consolidation, investigation and preparations for KS3
Week 3 Properties of Shape	• Measure with a Protractor • Draw Lines and Angles Accurately • Introduce Angles • Angles on a Straight Line • Angles Around a Point	**Week 9**	• Consolidation, investigation and preparations for KS3
Week 4 Properties of Shape	• Calculate Angles • Vertically Opposite Angles • Angles in a Triangles • Angles in a Triangle (Special Cases) • Angles in a Triangle (Missing Angles)	**Week 10**	• Consolidation, investigation and preparations for KS3
Week 5 Properties of Shape	• Angles in Special Quadrilaterals • Angles in Regular Polygons • Draw Shapes Accurately • Draw Nets of 3D Shapes • Mini Assessment	**Week 11**	• Consolidation, investigation and preparations for KS3
Week 6	• Consolidation / SATS Preparation	**Week 12**	• Consolidation, investigation and preparations for KS3