# Key Stage 3 Maths – Autumn Term Plan (2025)

**Two 45-minute online sessions per week:**  
• Session 1 – Mondays: Introduce the weekly topic  
• Session 2 – Wednesdays: Develop or apply the skill  
**Half term break: Week beginning 27th October 2025**

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| **Week** | **Date (Mon)** | **Session 1 Objective** | **Date (Wed)** | **Session 2 Objective** |
| 1 | 08 Sep | Number & Place Value: Understand and use place value in large numbers | 10 Sep | Number & Place Value: Round numbers and estimate calculations |
| 2 | 15 Sep | Four Operations: Add and subtract integers and decimals | 17 Sep | Four Operations: Multiply and divide integers and decimals |
| 3 | 22 Sep | Factors & Multiples: Identify factors, multiples, and primes | 24 Sep | Factors & Multiples: Find HCF and LCM using Venn diagrams |
| 4 | 29 Sep | Fractions: Simplify, compare and order fractions | 01 Oct | Fractions: Add and subtract fractions and mixed numbers |
| 5 | 06 Oct | Decimals & Percentages: Convert between fractions, decimals, percentages | 08 Oct | Decimals & Percentages: Calculate percentages of amounts |
| 6 | 13 Oct | Ratio & Proportion: Understand and use ratio notation | 15 Oct | Ratio & Proportion: Solve problems involving proportion |
| 7 | 20 Oct | Algebraic Expressions: Simplify expressions using like terms | 22 Oct | Algebraic Expressions: Substitute into expressions and evaluate |
| 8 | 03 Nov | Equations: Solve one-step and two-step equations | 05 Nov | Equations: Form and solve equations from word problems |
| 9 | 10 Nov | Sequences: Generate terms in a sequence | 12 Nov | Sequences: Find the nth term of linear sequences |
| 10 | 17 Nov | Coordinates & Graphs: Plot coordinates in four quadrants | 19 Nov | Coordinates & Graphs: Draw and interpret straight-line graphs |
| 11 | 24 Nov | Angles & Shapes: Measure and calculate angles | 26 Nov | Angles & Shapes: Understand angles in triangles and polygons |
| 12 | 01 Dec | Perimeter & Area: Calculate perimeter and area of compound shapes | 03 Dec | Perimeter & Area: Find area of triangles and parallelograms |
| 13 | 08 Dec | Data & Statistics: Interpret bar charts and pictograms | 10 Dec | Data & Statistics: Calculate mean, median, mode and range |