

KS4 Maths (GCSE) – Spring Term Curriculum 2026

Spring Term Dates – Monday 5th January 2026 – Thursday 26th March 2026

Half-term: Monday 16th – 20th February 2026 **No sessions**

| Week & Dates | Topic Focus | Session 1 (Skills) | Session 2 (Apply & Extend) | GCSE Focus & Notes |
|-------------------------|-----------------------------------|--|---|---|
| Week 1 5 & 7 Jan | Number & Accuracy | Four operations with integers and decimals; estimation and checking. | Multi-step number problems including standard form. | Build accuracy and confidence with GCSE-style calculations. |
| Week 2 12 & 14 Jan | Fractions, Decimals & Percentages | Convert between fractions, decimals and percentages. | Percentage change and reverse percentage problems. | Core GCSE topic needed across many exam questions. |
| Week 3 19 & 21 Jan | Ratio & Proportion | Simplify ratios and divide quantities. | Scale factor, maps and best-value problems. | Develop proportional reasoning for real-life contexts. |
| Week 4 26 & 28 Jan | Algebra Basics | Simplify expressions and expand brackets. | Factorise and use algebra in problem solving. | Essential algebra skills for all GCSE papers. |
| Week 5 2 & 4 Feb | Equations & Inequalities | Solve linear equations and form equations. | Solve and interpret inequalities. | Link algebra to real-life situations. |
| Week 6 9 & 11 Feb | Graphs | Plot and read straight-line graphs. | Interpret graphs and gradients in context. | Reading and analysing graphs clearly. |
| Half Term 16–20 Feb | Break | No sessions. | No sessions. | Rest and consolidation. |

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| Week 7 23 & 25 Feb | Angles & Shape | Apply angle rules and properties. | Solve multi-step angle reasoning problems. | Strengthen geometric reasoning. |
| Week 8 2 & 4 Mar | Area & Volume | Calculate area of compound shapes and circles. | Volume and surface area problems. | Apply formulas confidently. |
| Week 9 9 & 11 Mar | Pythagoras & Trigonometry | Use Pythagoras' theorem. | Use sine, cosine and tangent. | Key Higher GCSE content (with Foundation access). |
| Week 10 16 & 18 Mar | Statistics & Probability | Read charts and calculate averages. | Probability including combined events. | Interpret data and chance accurately. |
| Week 11 23 & 25 Mar | GCSE Problem Solving | Mixed GCSE-style problems. | Identify gaps and set revision targets. | Prepare for Summer revision and exams. |