

Edexcel GCSE (9–1) Maths (Higher)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--|---|-----------------------|--|-----------------------------|-------------------------------|---------------------|----------|-----------|
| A: Essential number | N1, N2, N3, N4, N6, N7, N8, N10, N11, N12, N13, N14, N15, N16, R4, R5, R6, R7, R8 | Factors and multiples | Calculations | Percentages and fractions | Rounding and estimation | Ratio | A | A |
| B: Essential algebra | A1, A2, A3, A4, A5, A6, A7, A9, A17, A18, A19, A21, A23, A24 | Introducing algebra | Solving linear equations | Solving quadratic equations | Simultaneous equations | Sequences | B | B |
| C: More number and algebra | N1, N3, N6, N7, N8, N9, A4, A5, A7, A8, A9, A11, A12, A16, A20 | Standard form | Roots and indices | Surds | Iteration | Graphs of circles | C | C |
| D: Graphs, proportion and rates of change | A1, A2, A3, A4, A8, A9, A10, A11, A12, A14, A15, A16, A22, R10, R13 | Inequalities | Linear, quadratic, cubic and reciprocal graphs | Interpreting graphs | Direct and inverse proportion | Rates of change | D | D |
| E: Essential geometry and measures | N3, N6, N7, N8, A8, A9, A17, A21, R2, G1, G2, G3, G4, G6, G15, G16, G17, G18, G20 | Bearings and scale | Angles | 2-D shapes | Perimeter, area and volume | Pythagoras' theorem | E | E |

Pearson Tutoring Programme Resources Mapping

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--------------------------------------|---|-------------------------------------|----------------------|-------------------------|----------------------|--|----------|-----------|
| F: More geometry and measures | A12, A13, G1, G6, G7, G8, G9, G10, G17, G18, G20, G21, G22, G23, G24, G25 | Circles | Vectors | Using trigonometry | Trigonometric values | Trigonometric graphs and transformations | F | F |
| G: Probability and statistics | N1, N5, P1, P2, P3, P4, P5, P6, P7, P8, P9, S2, S3, S4, S5, S6 | Basic probability and Venn diagrams | Combined probability | Conditional probability | Interpreting data | Scatter graphs, cumulative frequency graphs and histograms | G | G |

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| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--|---|-------------------------------------|-------------------------------------|---|--|--------------------------------|----------|-----------|
| A: Essential number and algebra | N2, N3, N10, N11, N12, N14, A1, A2, A3, A4, A8, A9, A14, A17, R3, R4, R5, R6, R7, R8, R9, R16 | Estimating | Fractions, decimals and percentages | Solving linear equations | Straight line graphs | Ratio | A | A |
| B: More number and algebra | N2, N3, N4, N6, N7, N8, N9, N13, N15, N16, A1, A2, A3, A4, A18, A19, A22, A23, A24, A25 | Rounding and error intervals | Calculations | Inequalities | Quadratic equations | Sequences | B | B |
| C: Essential geometry and measure | N8, A2, A8, A9, A17, A21, G1, G3, G4, G6, G9, G12, G13, G16, G17, G20 | Angles | Circles | Properties of shapes | 3D shapes | Area and volume | C | C |
| D: More geometry and measure | N3, N6, N7, N8, R2, G1, G2, G3, G4, G5, G6, G7, G15, G19, G20 | Pythagoras' theorem | Congruent and similar shapes | Transformations | Using trigonometry | Bearings and scale | D | D |
| E: Essential probability and statistics | N1, N5, P1, P2, P3, P4, P5, P6, P7, P8, A22, S1, S2, S4, S5 | Basic probability and Venn diagrams | Combined probability | Planning an investigation and data collection | Constructing graphs, charts and diagrams | Measures of speed and location | E | E |

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--|---|--|-------------------------|--------------------------|---------------------------------------|-------------------|----------|-----------|
| F: Harder number and algebra | A1, A2, A3, A4, A5, A8, A9, A10, A11, A12, A14, A19, A21, R1, R10, R11, R13, R14, R16 | Quadratic, cubic and reciprocal graphs | Interpreting graphs | Simultaneous equations | Direct and inverse proportion | Proportion graphs | F | F |
| G: Harder geometry, measure, probability and statistics | A14, S2, S4, S6 | Trigonometric values | Introduction to vectors | Calculating with vectors | Using measures of location and spread | Scatter graphs | G | G |

AQA GCSE (9–1) Maths (Higher)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--|---|-----------------------|--|-----------------------------|-------------------------------|-------------------|----------|-----------|
| A: Essential number | N1, N2, N3, N4, N6, N7, N8, N10, N11, N12, N13, N14, N15, N16, R4, R5, R6, R7, R8 | Factors and multiples | Calculations | Percentages and fractions | Rounding and estimation | Ratio | A | A |
| B: Essential algebra | A1, A2, A3, A4, A5, A6, A7, A9, A17, A18, A19, A21, A23, A24, A25 | Introducing algebra | Solving linear equations | Solving quadratic equations | Simultaneous equations | Sequences | B | B |
| C: More number and algebra | N1, N3, N6, N7, N8, N9, A4, A5, A7, A8, A9, A11, A12, A16, A20 | Standard form | Roots and indices | Surds | Iteration | Graphs of circles | C | C |
| D: Graphs, proportion and rates of change | A1, A2, A3, A4, A8, A9, A10, A11, A12, A14, A15, A22, R10, R13, R14, R16 | Inequalities | Linear, quadratic, cubic and reciprocal graphs | Interpreting graphs | Direct and inverse proportion | Rates of change | D | D |

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|---|---|-------------------------------------|----------------------|-------------------------|----------------------------|--|----------|-----------|
| E: Essential geometry and measures | N3, N6, N7, N8, A8, A9, A17, A21, R2, G1, G2, G3, G4, G6, G15, G16, G17, G18, G20 | Bearings and scale | Angles | 2-D shapes | Perimeter, area and volume | Pythagoras' theorem | E | E |
| F: More geometry and measures | A12, A13, G1, G6, G7, G8, G9, G10, G17, G18, G20, G21, G22, G23, G24, G25 | Circles | Vectors | Using trigonometry | Trigonometric values | Trigonometric graphs and transformations | F | F |
| G: Probability and statistics | N1, N5, P1, P2, P3, P4, P5, P6, P7, P8, P9, S2, S3, S4, S5, S6 | Basic probability and Venn diagrams | Combined probability | Conditional probability | Interpreting data | Scatter graphs, cumulative frequency graphs and histograms | G | G |

AQA GCSE (9–1) Maths (Foundation)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--|---|------------------------------|-------------------------------------|--------------------------|----------------------|--------------------|----------|-----------|
| A: Essential number and algebra | N2, N3, N10, N11, N12, N14, A1, A2, A3, A4, A8, A9, A14, A17, R4, R5, R6, R7, R8, R9, R16 | Estimating | Fractions, decimals and percentages | Solving linear equations | Straight line graphs | Ratio | A | A |
| B: More number and algebra | N2, N3, N4, N6, N7, N8, N9, N13, N15, N16, A1, A2, A3, A4, A18, A22, A23, A24, A25 | Rounding and error intervals | Calculations | Inequalities | Quadratic equations | Sequences | B | B |
| C: Essential geometry and measure | N8, A2, A8, A9, A17, A21, G1, G3, G4, G6, G9, G12, G13, G16, G17, G18, G20 | Angles | Circles | Properties of shapes | 3D shapes | Area and volume | C | C |
| D: More geometry and measure | N3, N6, N7, N8, G1, G2, G3, G4, G5, G6, G7, G15, G19, G20, R2 | Pythagoras' theorem | Congruent and similar shapes | Transformations | Using trigonometry | Bearings and scale | D | D |

| Lesson Group | Specification coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|--|---|--|-------------------------|---|--|--------------------------------|----------|-----------|
| E: Essential probability and statistics | N1, N5, A22, P1, P2, P3, P4, P5, P6, P7, P8, S1, S2, S4, S5 | Basic probability and Venn diagrams | Combined probability | Planning an investigation and data collection | Constructing graphs, charts and diagrams | Measures of speed and location | E | E |
| F: Harder number and algebra | A1, A2, A3, A4, A5, A6, A8, A9, A10, A11, A12, A14, A19, A21, R1, R10, R11, R13, R14, R16 | Quadratic, cubic and reciprocal graphs | Interpreting graphs | Simultaneous equations | Direct and inverse proportion | Proportion graphs | F | F |
| G: Harder geometry, measure, probability and statistics | N1, N2, N3, A9, A14, G7, G20, G21, G24, G25, S2, S4, S6 | Trigonometric values | Introduction to vectors | Calculating with vectors | Using measures of location and spread | Scatter graphs | G | G |

Year 6 Maths

The table shows the contents of each Group of lessons, mapped to the curriculum. Some lessons may appear in more than one Group.

| Lesson Group | Content domain coverage | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Pre-Test | Post-Test |
|---|--|------------------------------------|---------------------------------|----------------------------------|-----------------------|--------------------|----------|-----------|
| A: Multiplication and division | N2, N3, N5, F8, C6, C7, M1, M2, M3, M5, M6, M9 | Place value | Multiplication | Division | Scales and units | Working with units | A | A |
| B: Essential number | A3, C3, C5, N4, F7 | Sequences | Rounding | Estimating | Multiples and factors | Squares and cubes | B | B |
| C: Working with fractions and an introduction to algebra | A1, A2, A4, A5, F1, F2, F3, F4 | Proper fractions | Fractions greater than 1 | Adding and subtracting fractions | Simple formulae | Two unknowns | C | C |
| D: Fractions, decimals and percentages | F5, F6, F9, F11, F12, R2, R4 | Multiplying fractions and decimals | Dividing fractions and decimals | Percentages | Equivalence | Ratio | D | D |
| E: Measures | C1, C6, M4, M7, N3, R1, R3 | Time | Perimeter | Areas of rectangles | Areas of other shapes | Scale factors | E | E |
| F: 2D shapes, 3D solids and geometry | G2, G3, G4, G5, M7, M8, P2, P3 | 2D shapes | 3D shapes | Volume | Angles | Transformations | F | F |
| G: More number and statistics | C1, C8, C9, S1, S2, S3 | Order of operations | Mean averages | Tables | Charts | Line graphs | G | G |