# J560/01 Paper 1 Foundation Tier | J560/02 Paper 2 Foundation Tier | J560/03 Paper 3 Foundation Tier

## J560/01 Paper 1 Foundation Tier

| CLIP | TITLE | TOPIC | GRADE | REVISED |
|---|---|---|---|---|
| 5* | Simple Mathematical Notation | Number | 1 | |
| 6a | Interpreting Real-Life Tables - Time | Number | 1 | |
| 6b | Interpreting Real-Life Tables - Distance Tables | Number | 1 | |
| 21 | Inverse Operations | Number | 2 | |
| 22b | Money Questions - Calculator Questions | Number | 2 | |
| 28* | Factors, Multiples and Primes | Number | 2 | |
| 31 | Rounding to the Nearest 10, 100, 1000 | Number | 2 | |
| 32 | Rounding to Decimal places | Number | 2 | |
| 70 | Comparing Fractions | Number | 3 | |
| 72* | Finding a Fraction of an Amount | Number | 3 | |
| 75 | BODMAS/BIDMAS | Number | 3 | |
| 77* | Calculator Questions | Number | 3 | |
| 83* | Standard Form | Number | 3 | |
| 84* | Decimals and Fractions | Number | 3 | |
| 85* | Fractions, Percentages, Decimals | Number | 3 | |
| 86* | Percentage of an Amount (Calc.) | Number | 3 | |
| 90 | Rounding to Significant Figures | Number | 3 | |
| 132 | Introduction to Bounds | Number | 4 | |
| 33 | Simplifying - Addition and Subtraction | Algebra | 2 | |
| 34 | Simplifying - Multiplication | Algebra | 2 | |
| 35 | Simplifying - Division | Algebra | 2 | |
| 36 | Function Machines | Algebra | 2 | |
| 94 | Simple Factorisation | Algebra | 3 | |
| 98* | Drawing Quadratic Graphs | Algebra | 3 | |
| 100* | Solving Equations using Flowcharts | Algebra | 3 | |
| 135a/135b* | Solving Equations | Algebra | 4 | |
| 139 | Solve Linear Inequalities | Algebra | 4 | |
| 157* | Factorising and Solving Quadratics | Algebra | 5 | |
| 38* | Introduction to Ratio | Ratio | 2 | |
| 39 | Using Ratio for Recipe Questions | Ratio | 2 | |
| 41 | Value for Money | Ratio | 2 | |
| 105 | Exchanging Money | Ratio | 3 | |
| 106* | Sharing using Ratio | Ratio | 3 | |
| 109* | Percentage Change | Ratio | 3 | |
| 110 | Reverse Percentage Problems | Ratio | 3 | |
| 142* | Compound Units | Ratio | 4 | |
| 165a | Ratio Questions - Standard Questions | Ratio | 5 | |
| 165b | Ratio Questions - Questions with Overlap | Ratio | 5 | |
| 165c | Ratio Questions - Ratios, Fractions, Equations | Ratio | 5 | |
| 10 | Polygons | Geometry | 1 | |
| 43 | Properties of Solids | Geometry | 2 | |
| 53 | Area of a Rectangle | Geometry | 2 | |
| 54* | Area of a Triangle | Geometry | 2 | |
| 55 | Area of a Parallelogram | Geometry | 2 | |
| 56 | Area of a Trapezium | Geometry | 2 | |
| 115* | Volume of a Cuboid | Geometry | 3 | |
| 117 | Area of a Circle | Geometry | 3 | |
| 119* | Volume of a Prism | Geometry | 3 | |
| 120 | Angles and Parallel Lines | Geometry | 3 | |
| 169 | Spheres | Geometry | 5 | |
| 170 | Pyramids | Geometry | 5 | |
| 57 | Frequency Trees | Probability | 2 | |
| 62* | Averages and the Range | Probability | 2 | |
| 129 | Scatter Diagrams | Probability | 3 | |

## J560/02 Paper 2 Foundation Tier

| CLIP | TITLE | TOPIC | GRADE | REVISED |
|---|---|---|---|---|
| 17 | Adding Integers and Decimals | Number | 2 | |
| 18 | Subtracting Integers and Decimals | Number | 2 | |
| 19 | Multiplying Integers | Number | 2 | |
| 20 | Dividing Integers | Number | 2 | |
| 23 | Negatives in Real Life | Number | 2 | |
| 24 | Introduction to Fractions | Number | 2 | |
| 25 | Equivalent Fractions | Number | 2 | |
| 26 | Simplifying Fractions | Number | 2 | |
| 28* | Factors, Multiples and Primes | Number | 2 | |
| 30 | Multiplying and Dividing by Powers of 10 | Number | 2 | |
| 66 | Multiplying Decimals | Number | 3 | |
| 67 | Dividing Decimals | Number | 3 | |
| 71a | Adding and Subtracting Fractions | Number | 3 | |
| 71b | Adding and Subtracting Fractions | Number | 3 | |
| 72* | Finding a Fraction of an Amount | Number | 3 | |
| 73 | Multiplying Fractions | Number | 3 | |
| 74 | Dividing Fractions | Number | 3 | |
| 83* | Standard Form | Number | 3 | |
| 84* | Decimals and Fractions | Number | 3 | |
| 85* | Fractions, Percentages, Decimals | Number | 3 | |
| 87 | Percentage of an Amount (Non-Calc.) | Number | 3 | |
| 89 | Change to a Percentage (Non-Calc.) | Number | 3 | |
| 93* | Expanding Brackets | Algebra | 3 | |
| 96 | Straight Line Graphs | Algebra | 3 | |
| 100* | Solving Equations using Flowcharts | Algebra | 3 | |
| 101 | Subject of a Formula using Flowcharts | Algebra | 3 | |
| 134a* | Expanding and Simplifying Brackets - Single | Algebra | 4 | |
| 134b* | Expanding and Simplifying Brackets - Double | Algebra | 4 | |
| 135a/135b* | Solving Equations | Algebra | 4 | |
| 136 | Rearranging Simple Formulae | Algebra | 4 | |
| 137 | Forming Formulae and Equations | Algebra | 4 | |
| 157* | Factorising and Solving Quadratics | Algebra | 5 | |
| 159a | Finding the Equation of a Straight Line - y=mx+c | Algebra | 5 | |
| 159b | Finding the Equation of a Straight Line - Gradient | Algebra | 5 | |
| 38* | Introduction to Ratio | Ratio | 2 | |
| 42* | Introduction to Proportion | Ratio | 2 | |
| 144 | Similar Shapes | Ratio | 4 | |
| 199 | Direct Proportion | Ratio | 7 | |
| 48 | Reflections | Geometry | 2 | |
| 49 | Rotations | Geometry | 2 | |
| 50 | Translations | Geometry | 2 | |
| 54* | Area of a Triangle | Geometry | 2 | |
| 124 | Bearings | Geometry | 3 | |
| 145a | Constructing Perpendiculars - Bisecting a Line | Geometry | 4 | |
| 145b | Constructing Perpendiculars - From any Point | Geometry | 4 | |
| 145c | Bisecting an Angle | Geometry | 4 | |
| 148 | Enlargements | Geometry | 4 | |
| 168 | Trigonometry | Geometry | 5 | |
| 173 | Exact Trigonometric Values | Geometry | 5 | |
| 14* | The Probability Scale | Probability | 1 | |
| 15 | Tally Charts and Bar Charts | Probability | 1 | |
| 59* | Calculating Probabilities | Probability | 2 | |
| 125 | Experimental Probabilities | Probability | 3 | |
| 128a | Representing Data - Pie Charts | Probability | 3 | |

## J560/03 Paper 3 Foundation Tier

| CLIP | TITLE | TOPIC | GRADE | REVISED |
|---|---|---|---|---|
| 5* | Simple Mathematical Notation | Number | 1 | |
| 28* | Factors, Multiples and Primes | Number | 2 | |
| 29 | Introduction to Powers/Indices | Number | 2 | |
| 69 | Listing Strategies | Number | 3 | |
| 72* | Finding a Fraction of an Amount | Number | 3 | |
| 77* | Calculator Questions | Number | 3 | |
| 78 | Product of Primes | Number | 3 | |
| 80 | Lowest Common Multiple (LCM) | Number | 3 | |
| 82 | Working with Indices | Number | 3 | |
| 85* | Fractions, Percentages, Decimals | Number | 3 | |
| 86* | Percentage of an Amount (Calc.) | Number | 3 | |
| 37 | Generating a Sequence - Term to Term | Algebra | 2 | |
| 93* | Expanding Brackets | Algebra | 3 | |
| 95 | Substitution | Algebra | 3 | |
| 98* | Drawing Quadratic Graphs | Algebra | 3 | |
| 102 | Generating a Sequence from the nth Term | Algebra | 3 | |
| 134a* | Expanding and Simplifying Brackets - Single | Algebra | 4 | |
| 134b* | Expanding and Simplifying Brackets - Double | Algebra | 4 | |
| 135a/135b* | Solving Equations | Algebra | 4 | |
| 157* | Factorising and Solving Quadratics | Algebra | 5 | |
| 162 | Simultaneous Equations Algebraically | Algebra | 5 | |
| 194 | Exponential Functions | Algebra | 7 | |
| 38* | Introduction to Ratio | Ratio | 2 | |
| 42* | Introduction to Proportion | Ratio | 2 | |
| 106* | Sharing using Ratio | Ratio | 3 | |
| 109* | Percentage Change | Ratio | 3 | |
| 111 | Simple Interest | Ratio | 3 | |
| 142* | Compound Units | Ratio | 4 | |
| 143 | Distance-Time Graphs | Ratio | 4 | |
| 11 | Symmetries | Geometry | 1 | |
| 52 | Perimeters | Geometry | 2 | |
| 114a | Surface Area of a Prism - Cuboids | Geometry | 3 | |
| 114b | Surface Area of a Prism - Triangular Prisms | Geometry | 3 | |
| 115* | Volume of a Cuboid | Geometry | 3 | |
| 116 | Circle Definitions | Geometry | 3 | |
| 119* | Volume of a Prism | Geometry | 3 | |
| 14* | The Probability Scale | Probability | 1 | |
| 58 | Listing Outcomes | Probability | 2 | |
| 59* | Calculating Probabilities | Probability | 2 | |
| 60 | Mutually Exclusive Events | Probability | 2 | |
| 62* | Averages and the Range | Probability | 2 | |
| 151 | Simple Tree Diagrams | Probability | 4 | |
| 175 | Harder Tree Diagrams | Probability | 5 | |

### NOTES

| Date | Paper | Exam Duration | Time |
|---|---|---|---|
| 20/05/2022 | Paper 1 (Foundation tier) CALCULATOR | 1h 30m | AM |
| 07/06/2022 | Paper 2 (Foundation tier) NON CALCULATOR | 1h 30m | AM |
| 13/06/2022 | Paper 3 (Foundation tier) CALCULATOR | 1h 30m | AM |
| x* | * indicates that this will be seen again | | |

| Lesson | Topic | Notes | | Staff |
|---|---|---|---|---|
| w/c 7th Mar | EBI Reponse | | | EG/PW/MK |
| w/c 14th Mar | Proportion / Trigonomtery (non calc) | Direct, Inverse, Exact Values trig | | |
| | | | | |
| **Starter topics:** | **BIDMAS, Number definitions and terms, Factors/multiples/primes, Sequence rule to find a term, Function machines, Percentage conversion, Percentage of quantities, Percentage change, ordering FDP, Use of Calc, Rounding, Simple Interest, Simplify algebraic inc products & quotients, Substitution, Polygons, Quadrilaterals, Circle terms, Symmetry (inc rotational), Probability scale, Misleading graphs,** | | | |
| | | | | |
| w/c 21st Mar | | | **STARTER Topics** | |
| 1 | Prime Factors & LCM | inc LCM problems | BIDMAS, Number definitions and terms, Misleading graphs, | EG |
| 2 | Calculations with decimals and money problems | inc problems like the apples and peaches on ST2 (Q9, Paper 2) | Sequence rule to find a term, Function machines, Probability scale, | PW |
| 3 | FDP conversions / Fractions of a quantity / Fraction arithm | | Percentage conversion, Percentage of quantities, Factors/multiples/primes, | KW |
| 4 | Past Paper | | | |
| w/c 28 March (5) | Averages & range | including from frequency tables ( inc grouped data) | Ordering FDP, Use of Calc, Rounding, | MK |
| 6 | Transformations / Column vectors | recap all transformations, column vector arithmetic | Simple Interest, Simplify algebraic inc products & quotients, Circle terms, | EG |
| 7 | Past Paper | | | |
| w/c 18th April (8) | Multiplying out brackets and Simplifying / Forming expres | | Polygons, Quadrilaterals, Symmetry (inc rotational), Substitution, | PW |
| 9 | Factorising expressions / Factorise quadratics & solve | | BIDMAS, Number definitions and terms, Misleading graphs, | MK |
| 10 | Relative Frequency & Probability | relative freq. tables, listing outcomes, tree diagrams | Sequence rule to find a term, Function machines, Probability scale, | KW |
| 11 | Past Paper | | | |
| w/c 25th April (12 | Solve linear equations / Inequalities | | Percentage conversion, Percentage of quantities, Factors/multiples/primes, | PW |
| 13 | Parallel lines & Scatter Diagram and correlation | include forming equations from parallel lines | Ordering FDP, Use of Calc, Rounding, | EG |
| 14 | Upper & Lower Bounds & Reverse Percentage | writing error intervals as inequalities | Simple Interest, Simplify algebraic inc products & quotients, Circle terms, | KW |
| 15 | Past Paper | | | |
| w/c 2nd May (16) | Quadratic graphs & equation of a straight line | plotting quadratics from a table, finding the equation of a line given the | Polygons, Quadrilaterals, Symmetry (inc rotational), Substitution, | MK |
| 17 | Standard Form notation & calculations | | BIDMAS, Number definitions and terms, Misleading graphs, | PW |
| 18 | Simultaneous equations & Frequency trees | | Sequence rule to find a term, Function machines, Probability scale, | EG |
| 19 | Past Paper | | | |
| w/c 9th May (20) | Ratio | Simplify, share into, use, interpreting | Percentage conversion, Percentage of quantities, Factors/multiples/primes, | KW |
| 21 | Area / Perimeter | Rectangle, Triangle, Circle, Composite, Perimeter of Quads | Ordering FDP, Use of Calc, Rounding, | MK |
| 22 | Construction / Bearings | Angle bisector, line bisector, distance from a point. | Simple Interest, Simplify algebraic inc products & quotients, Circle terms, | PW |
| 23 | Volume, MDV | Volume ofCuboid/prism, inc cylinder. Volume of pyramid, sphere formula | Polygons, Quadrilaterals, Symmetry (inc rotational), Substitution, | EG |
| Start of Exams (24 | Direct & Inverse Proportion recap (paper 2) | | | PW |
| 25 | Trigonometry recap (paper 2) | | | MK |
| 26 | Bar Chart/ Pie Chart (paper 2) | | | KW |