

Tick one box per statement: ☐ not yet ☐ nearly ☐ confident.

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1. Number

1.1 Arithmetic, factors, multiples and primes (N1–N4) , (N1–N4)

- ☐☐☐ Order integers, decimals and fractions; use the six inequality and equality symbols.
- ☐☐☐ Apply the four operations with formal written methods to integers, decimals, fractions and mixed numbers, in context including household finance.
- ☐☐☐ Use inverse operations and the priority of operations (BIDMAS).
- ☐☐☐ Use primes, factors, multiples, HCF and LCM via prime factorisation; (H) systematic listing and the product rule for counting.

1.2 Fractions, decimals, percentages and units (N5–N10) , (N5–N10)

- ☐☐☐ Convert between terminating decimals and fractions; (H) recurring decimals to fractions.
- ☐☐☐ Interpret fractions and percentages as operators, using multipliers including reverse percentages.
- ☐☐☐ Use standard units of mass, length, time and money with decimal quantities.

1.3 Indices, surds, standard form and bounds (N11–N16) , (N11–N16)

- ☐☐☐ Use index laws with integer and (H) fractional indices; calculate with roots.
- ☐☐☐ (H) Simplify surds and rationalise denominators.
- ☐☐☐ Calculate with standard form $A \times 10^n$ and interpret calculator displays.
- ☐☐☐ Estimate answers by rounding to one significant figure; round to dp and sf.
- ☐☐☐ (H) Write error intervals in inequality notation and apply upper and lower bounds through calculations.

2. Algebra

2.1 Notation, expressions, substitution, expanding and factorising (A1–A4) , (A1–A4)

- ☐☐☐ Notation, expressions, substitution, expanding and factorising (A1–A4)

2.2 Equations, inequalities, formulae and rearranging (A5–A7) , (A5–A7)

- ☐☐☐ Equations, inequalities, formulae and rearranging (A5–A7)

2.3 Sequences, including nth term (A24–A25) , n (A24–A25)

- ☐☐☐ Sequences, including nth term (A24–A25)

2.4 Graphs: linear, quadratic, reciprocal, real contexts (A8–A16) : , (A8–A16)

- ☐☐☐ Graphs: linear, quadratic, reciprocal, real contexts (A8–A16)

2.5 Quadratics and simultaneous equations - HT (A17–A23)

(A17–A23)

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☐☐☐ Quadratics and simultaneous equations - HT (A17–A23)

3. Ratio, proportion and rates of change

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3.1 Ratio and proportion (R1–R5)

(R1–R5)

☐☐☐ Ratio and proportion (R1–R5)

3.2 Percentage change, growth and decay (R9–R16)

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(R9–R16)

☐☐☐ Percentage change, growth and decay (R9–R16)

3.3 Compound measures and rates of change (R6–R8, R13–R14)

R13–R14)

(R6–R8,

☐☐☐ Compound measures and rates of change (R6–R8, R13–R14)

4. Geometry and measures

4.1 Angles, parallel lines and polygons (G1–G3)

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(G1–G3)

☐☐☐ Angles, parallel lines and polygons (G1–G3)

4.2 Perimeter, area and volume, including circles (G14–G17, G19)

(G14–G17, G19)

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☐☐☐ Perimeter, area and volume, including circles (G14–G17, G19)

4.3 Pythagoras, trigonometry and their graphs (G6, G20–G24)

G20–G24)

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(G6,

☐☐☐ Pythagoras, trigonometry and their graphs (G6, G20–G24)

4.4 Transformations, constructions, loci and vectors (G7–G10, G25)

(G7–G10, G25)

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☐☐☐ Transformations, constructions, loci and vectors (G7–G10, G25)

4.5 Properties and congruence and similarity (G4–G5, G18)

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(G4–G5, G18)

☐☐☐ Properties and congruence and similarity (G4–G5, G18)

5. Probability

5.1 Probability basics and tables (P1–P6)

(P1–P6)

☐☐☐ Probability basics and tables (P1–P6)

5.2 Tree diagrams and sets - HT (P7–P9)

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(P7–P9)

☐☐☐ Tree diagrams and sets - HT (P7–P9)

6. Statistics

6.1 Sampling, averages and spread (S1–S4) , (S1–S4)

☐☐☐ Sampling, averages and spread (S1–S4)

6.2 Charts, tables, time series and scatter (S2, S5–S6) , , (S5–S8)

☐☐☐ Charts, tables, time series and scatter (S2, S5–S6)