| Topic | Location |
| :---: | :---: |
| 0-9 |  |
| 12-hour clock (reading from analogue) | Numeracy 2, Time, Target 1 (Tasks 6 to 9) |
| 12-hour time to 24 -hour time | Maths 1, Money \& Time, Target 3 (Tasks 4, 5, 6) |
| 12-hour time to 24 -hour time | Numeracy 2, Time, Target 2 (Tasks 1, 2, 3) |
| 24-hour time (from analogue clocks) | Maths 1, Money \& Time, Target 3 (Tasks 1, 2, 3) |
| 24-hour time to 12-hour time | Maths 1, Money \& Time, Target 3 (Tasks 7, 8, 9) |
| 24-hour time to 12-hour time | Numeracy 2, Time, Target 2 (Tasks 4, 5, 6) |
| 2D Shape properties | Numeracy 3, Shapes and Solids, Target 1 |
| 2D shapes (identifying) | Numeracy 3, Shapes and Solids, Target 2 |
| 3D shapes (vertices, edges, faces) | Numeracy 3, Shapes and Solids, Target 3 |
| 3-figure bearing problems | Maths 4, Scale Drawings \& Loci, Target 4 (Tasks 5, 6) |
| 3-figure bearings ( A from B ) | Maths 4, Scale Drawings \& Loci, Target 2 (Tasks 1 to 5, 7) |
| 3-figure bearings (back bearings) | Maths 4, Scale Drawings \& Loci, Target 2 (Task 6) |
| 3-figure bearings (drag slider into position) | Maths 4, Scale Drawings \& Loci, Target 3 (Tasks 1, 2, 3) |
| 3-figure bearings with scale | Maths 4, Scale Drawings \& Loci, Target 3 (Tasks 4 to 7) |
| A |  |
| Adding and subtracting decimals (to 3 dp ) | Maths 1, Decimals, Target 1 (Tasks 1 to 6) |
| Adding Coins | Maths 1, Money \& Time, Target 1 (Tasks 1 to 4) |
| Adding Coins (coins to make given total) | Maths 1, Money \& Time, Target 1 (Tasks 10, 11, 12) |
| Adding Coins (fill blanks to make given total) | Maths 1, Money \& Time, Target 1 (Tasks 5 to 9) |
| Adding fractions (common denominators \& simplifying) | Maths 2, Fractions 2, Target 3 (Task 2) |
| Adding fractions (common denominators) | Maths 2, Fractions 2, Target 3 (Task 1) |
| Adding fractions (simplifying answer) | Maths 2, Fractions 2, Target 3 (Tasks 3 to 6) |
| Adding mixed fractions | Maths 2, Fractions 2, Target 3 (Tasks 7 to 10) |
| Algebraic expressions (addition/subtraction) | Maths 7, Writing Algebra 1, Target 3 |
| Algebraic expressions (fractional and whole terms) | Maths 7, Writing Algebra 2, Target 2 (Tasks 1 to 4) |
| Algebraic expressions (fractions, e.g. (x+2)/3) | Maths 7, Writing Algebra 2, Target 5 (Tasks 1 to 4) |
| Algebraic expressions (mixed examples) | Maths 7, Writing Algebra 1, Target 5 |
| Algebraic expressions (mixed examples) | Maths 7, Writing Algebra 2, Target 1 (Tasks 1 to 4) |
| Algebraic expressions (mixed examples) | Maths 7, Writing Algebra 2, Target 3 (Tasks 1 to 5) |
| Algebraic expressions (multiplication/division) | Maths 7, Writing Algebra 1, Target 4 |
| Algebraic Fractions (add/subtract) | Maths 8, Indices \& Algebraic Fractions, Target 5 (Tasks 7 to 13) |
| Algebraic Fractions (equivalent fractions) | Maths 8, Indices \& Algebraic Fractions, Target 4 (Task 1) |
| Algebraic Fractions (factorise to simplify) | Maths 8, Indices \& Algebraic Fractions, Target 4 (Tasks 6 to 12) |
| Algebraic Fractions (multiply/divide) | Maths 8, Indices \& Algebraic Fractions, Target 5 (Tasks 1 to 6) |
| Algebraic Fractions (simplifying) | Maths 8, Indices \& Algebraic Fractions, Target 4 (Tasks 2 to 5) |
| Alternate angles | Maths 3, Angles, Target 4 (Tasks 1, 2) |
| Alternate angles | Numeracy 3, Angles, Target 5 (Tasks 1, 2) |
| Angle at centre vs angle at circumference | Maths 4, Circle Geometry, Target 4 (Tasks 5, 6) |
| Angle problems (Triangles/quadrilaterals) | Numeracy 3, Angles, Target 4 (Task 11) |
| Angle Problems Alternate/Corresponding) | Numeracy 3, Angles, Target 5 (Task 5) |
| Angle types | Numeracy 3, Angles, Target 1 (Tasks 3 to 6) |
| Angles (around a point) | Numeracy 3, Angles, Target 3 (Tasks 4 to 7) |
| Angles (estimation) | Numeracy 3, Angles, Target 2 |
| Angles (supplemetary) | Numeracy 3, Angles, Target 3 (Tasks 1, 2, 3) |
| Angles in a triangle (internal and external) | Numeracy 3, Angles, Target 4 (Task 6) |
| Angles in a triangle (isosceles) | Numeracy 3, Angles, Target 4 (Tasks 4, 5) |
| Angles in a triangle (right-angled) | Numeracy 3, Angles, Target 4 (Task 3) |
| Angles in a triangle (scalene) | Numeracy 3, Angles, Target 4 (Tasks 1, 2) |
| Angles in circles (mixed examples, no tangents) | Maths 4, Circle Geometry, Target 4 (Tasks 10, 11, 12) |
| Angles in cyclic quadrilaterals | Maths 4, Circle Geometry, Target 4 (Tasks 7, 8) |
| Angles in kites | Numeracy 3, Angles, Target 4 (Task 9) |

Angles in parallelograms
Angles in quadrilaterals

## Angles in segments

Angles of elevation/depression
Angles in semi-circles (angles/trig/Pythagoras)
Arcs (find arc length)
Arcs (find radius or angle given arc)
Arcs and sectors (length \& area given radius \& angle)
Arcs and sectors (mixed examples)
Area (circle)
Area (composite shapes with circular elements)
Area (composite shapes with squares/rectangles)
Area (composite shapes with squares/rectangles/triangles)
Area (composites with squares/rectangles)
Area (composites with triangles)
Area (composites, kites/parallelograms/rhombii etc)
Area (counting boxes)
Area (estimation by counting boxes)
Area (estimation by counting boxes)
Area (kites)
Area (parallelograms)
Area (rhombii)
Area (squares and rectangles)
Area (squares and rectangles)
Area (trapezia)
Area (triangles)
Area (triangles)
Area of a circle
Area of a circle (animation giving formula)
Area of a triangle (trig)
Area of a triangle (trig, difficult!)
Area of a triangle (trig, RE-type composites)
Area of composite shapes (with circular elements)
Area under a graph
Area/perimeter problems in context
Areas of similar shapes (find area given SF)
Areas of similar shapes (linear vs area SF)
Areas/Volumes of similar shapes (in context)
Arithmetic Tests
Average speed

|  |
| :--- |
| Balloon Popping (Decimal addition) |
| Balloon Popping (Decimal subtraction) |
| Bar graphs (back to back) |
| Bar Graphs (constructing) |
| Bar graphs (constructing) |
| Bar Graphs (mean and range) |
| Bar graphs (multiple bars; constructing) |
| Bar graphs (multiple bars; reading) |
| Bar Graphs (reading) |
| Bar graphs (reading) |
| Bar graphs (segmented) |
| Bar graphs, frequency tables, histograms (key points) |
| Beehive game (probabilities) |
| Beehive game (simplifying fractions) |

Numeracy 3, Angles, Target 4 (Task 10)
Numeracy 3, Angles, Target 4 (Tasks 7, 8)
Maths 4, Circle Geometry, Target 4 (Tasks 3, 4)
Maths 4, Scale Drawings \& Loci, Target 1 (Tasks 1 to 4)
Maths 4, Circle Geometry, Target 4 (Tasks 1, 2)
Maths 4, Circle Geometry, Target 3 (Tasks 1, 2)
Maths 4, Circle Geometry, Target 3 (Task 3)
Maths 4, Circle Geometry, Target 3 (Task 7)
Maths 4, Circle Geometry, Target 3 (Task 8)
Maths 3, Perimeter and Area, Target 4 (Tasks 7, 8)
Maths 3, Perimeter and Area, Target 4 (Tasks 9, 13)
Maths 3, Perimeter and Area, Target 3 (Tasks 3 to 7)
Maths 3, Perimeter and Area, Target 4 (Tasks 5, 6)
Numeracy 3, Perimeter and Area, Target 5 (Tasks 3 to 7)
Numeracy 3, Perimeter and Area, Target 5 (Task 12)
Maths 3, Perimeter and Area, Target 5 (Task 9)
Numeracy 3, Perimeter and Area, Target 3
Maths 3, Perimeter and Area, Target 2
Numeracy 3, Perimeter and Area, Target 4
Maths 3, Perimeter and Area, Target 5 (Tasks 1, 2)
Maths 3, Perimeter and Area, Target 5 (Tasks 3, 4)
Maths 3, Perimeter and Area, Target 5 (Tasks 5, 6)
Maths 3, Perimeter and Area, Target 3 (Tasks 1, 2)
Numeracy 3, Perimeter and Area, Target 5 (Tasks 1, 2)
Maths 3, Perimeter and Area, Target 5 (Tasks 7, 8)
Maths 3, Perimeter and Area, Target 4 (Tasks 1 to 4)
Numeracy 3, Perimeter and Area, Target 5 (Tasks 8 to 11)
Maths 4, Circle Geometry, Target 2 (Task 2)
Maths 4, Circle Geometry, Target 2 (Task 1)
Maths 4, Trigonometry 2, Target 2 (Tasks 1 to 4, 8)
Maths 4, Trigonometry 2, Target 2 (Tasks 5, 9)
Maths 4, Trigonometry 2, Target 2 (Task 7)
Maths 4, Circle Geometry, Target 2 (Tasks 3 to 7)
Maths 3, Perimeter and Area, Target 5 (Task 10)
Maths 3, Perimeter and Area, Target 3 (Tasks 9, 10)
Maths 4, Similarity, Target 3 (Tasks 8, 9, 10)
Maths 4, Similarity, Target 3 (Tasks 11, 12)
Maths 4, Similarity, Target 5 (Tasks 4 to 7)
Maths 1, Arithmetic, Target 5 (Task 9)
Maths 4, Speed, Distance \& Time, Target 1 (Tasks 7, 8, 9)

## B

Numeracy 2, Decimals, Target 1 (Task 5)
Numeracy 2, Decimals, Target 2 (Task 5)
Maths 5, Pictograms \& Bar Charts, Target 5 (Tasks 8 to 12)
Numeracy 4, Graphs 1, Target 4
Maths 5, Pictograms \& Bar Charts, Target 4
Numeracy 4, Mean, Median, Mode \& Range 2, Target 4 (Tasks 7 to 12)
Maths 5, Pictograms \& Bar Charts, Target 5 (Tasks 4 \& 5)
Maths 5, Pictograms \& Bar Charts, Target 5 (Tasks 1 to 3)
Numeracy 4, Graphs 1, Target 3
Maths 5, Pictograms \& Bar Charts, Target 3
Maths 5, Pictograms \& Bar Charts, Target 5 (Tasks 6 \& 7)
Maths 6, Data Handling Theory, Target 5 (Task 2)
Maths 5, Intro to Probability, Target 1 (Task 3)
Maths 2, Fractions 1, Target 3 (Tasks 7, 8)

| Topic | Location |
| :---: | :---: |
| Beehive game (simplifying to non-unitary ratios) | Maths 2, Ratio, Target 1 (Task 11) |
| Beehive game (simplifying to unitary ratios) | Maths 2, Ratio, Target 1 (Task 10) |
| Beehive game (types of angle) | Maths 3, Angles, Target 1 (Task 6) |
| Best buys | Maths 2, Proportion, Target 4 (Tasks 2 to 10) |
| Best Buys | Numeracy 2, Using a Calculator, Target 4 |
| Biased questions | Maths 6, Data Handling Theory, Target 3 |
| Blockbusters (Addition) | Numeracy 1, Addition, Target 3 |
| Blockbusters (Division) | Maths 1, Arithmetic, Target 4 (Tasks 4, 5) |
| Blockbusters (Division) | Numeracy 1, Division, Target 3 |
| Blockbusters (Multiplication) | Maths 1, Arithmetic, Target 3 (Tasks 4, 5) |
| Blockbusters (Multiplication) | Numeracy 1, Multiplication, Target 3 |
| Blockbusters (Subtractiion) | Numeracy 1, Subtraction, Target 3 |
| BODMAS | Maths 7, Substitution \& Formulae, Target 1 (Tasks 1, 2) |
| Box plots (comparing data sets) | Maths 6, Measures of Spread 2, Target 5 |
| Box plots (constructing from data sets) | Maths 6, Measures of Spread 1, Target 4 (Tasks 1 to 7) |
| Box plots (constructing from frequency tables) | Maths 6, Measures of Spread 1, Target 4 (Tasks 8 to 10) |
|  | C |
| Calendars | Maths 5, Tables \& Diagrams 2, Target 4 |
| Calendars (fill the blanks) | Numeracy 4, Tables of Information 2, Target 4 (Tasks 2, 7) |
| Calendars (reading) | Numeracy 4, Tables of Information 2, Target 4 (Tasks 1, 3, 6, 8) |
| Calendars (time intervals) | Numeracy 4, Tables of Information 2, Target 4 (Tasks 4, 5, 9) |
| Capacity and volume (definitions) | Maths 3, Capacity and Volume, Target 1 (Tasks 1, 2, 3) |
| Carroll diagrams (completing) | Maths 5, Tables \& Diagrams 1, Target 1 (Tasks 6 to 12) |
| Carroll diagrams (fill the blanks) | Numeracy 4, Tables of Information 1, Target 1 (Tasks 5 to 10) |
| Carroll diagrams (reading information) | Numeracy 4, Tables of Information 1, Target 1 (Tasks 1 to 4) |
| Carroll diagrams (reading information) | Maths 5, Tables \& Diagrams 1, Target 1 (Tasks 1 to 5) |
| Change (calculate total) | Maths 1, Money \& Time, Target 2 (Tasks 3 to 7) |
| Change (finding total first) | Numeracy 2, Money, Target 5 |
| Change (from 10p, 20p, 50p, £1) | Numeracy 2, Money, Target 4 |
| Change (given total) | Maths 1, Money \& Time, Target 2 (Tasks 1, 2) |
| Change of Subject | Maths 8, Change of Subject, Target 2 |
| Change of Subject (basic) | Maths 8, Change of Subject, Target 1 |
| Change of Subject (factorising) | Maths 8, Change of Subject, Target 5 |
| Change of Subject (square roots) | Maths 8, Change of Subject, Target 4 |
| Change of Subject (with brackets/fractions) | Maths 8, Change of Subject, Target 3 |
| Circle geometry problems (difficult!) | Maths 4, Circle Geometry, Target 5 (Tasks 10, 11, 12) |
| Circumference | Maths 3, Perimeter and Area, Target 1 (Tasks 7, 8) |
| Circumference | Maths 4, Circle Geometry, Target 1 (Tasks 1, 2) |
| Codes brain teaser | Maths 7, Problems \& Puzzles, Target 3 (Tasks 7, 8, 9) |
| Coins (find missing coin to make given total) | Numeracy 2, Money, Target 2 |
| Coins (Finding total value) | Numeracy 2, Money, Target 1 |
| Coins (make required total) | Numeracy 2, Money, Target 3 |
| Common factors (3 terms) | Maths 7, Factorising, Target 4 (Tasks 4, 5, 6) |
| Common factors (e.g. $2 \mathrm{f}-\mathrm{ef}$ ) | Maths 7, Factorising, Target 3 (Tasks 8, 9, 10) |
| Common factors (e.g. $3 \mathrm{x}-9$ ) | Maths 7, Factorising, Target 3 (Tasks 1 to 5, 7) |
| Common factors (e.g. $x^{\wedge} 2+2 x, 5 x^{\wedge} 2-35 x$ ) | Maths 7, Factorising, Target 4 (Tasks 1, 2, 3) |
| Comparing data sets | Maths 5, Mean, Median, Mode \& Range, Target 5 (Tasks 8 to 12) |
| Compass points (8-point directions) | Numeracy 3, Reading Scales, Target 5 |
| Compass points (8-point) | Numeracy 3, Reading Scales, Target 5 |
| Compass points (angles turned) | Numeracy 3, Angles, Target 1 (Tasks 7, 8, 9) |
| Compass points (cardinal) | Numeracy 3, Reading Scales, Target 5 |
| Complete maths sentences | Maths 1, Maths Language, Target 4 |
| Complete maths sentences (algebra) | Maths 8, Language Tasks \& Quizzes, Target 4 (Tasks 1 to 12) |
| Complete maths sentences (graphs/probability) | Maths 5, Language Tasks \& Quizzes, Target 4 |
| Complete maths sentences (graphs/probability) | Maths 6, Language Tasks and Quizzes, Target 4 |

Complete maths sentences (powers, indices, ratio etc)
Complete numeracy sentences
Complete numeracy sentences
Complete numeracy sentences
Complete numeracy sentences (2D/3D shapes, vol, area, etc)
Complete numeracy sentences (algebra)
Complete numeracy sentences (trig, scale, SDT etc)
Complete shape and measure sentences
Completing the square (basic)
Completing the square (odd $x$-coeficient)
Compound interest (principal X (decimal)^n)
Compound interest (questions only)
Compound interest (working year by year)
Connect 4
Convert units of time (hours/minutes/hours \& minutes)
Convert units of time (minutes/seconds/minutes \& seconds)
Converting units of area
Converting units of length
Converting units of length
Converting units of length (in context)
Converting units of mass
Converting units of mass (in context)
Converting units of speed
Converting units of volume
Converting units of volume
Converting units of weight
Coordinates (naming points, 4 quadrants)
Coordinates (naming points, Q1)
Coordinates (plot \& guess shape)
Coordinates (plotting points to make shapes, 4 quadrants)
Coordinates (plotting points, 4 quadrants)
Coordinates (plotting points, Q1)
Coordinates (plotting, 4 quadrants)
Coordinates (reading, 4 quadrants)
Copy Cat
Corresponding angles
Corresponding angles
Cosine Rule (bearings problems)
Cosine Rule (find a side)
Cosine Rule (find an angle)
Crossword
Crossword
Crossword
Crossword (2D/3D shapes, volume, area, etc)
Crossword (algebra)
Crossword (algebra)
Crossword (graphs/probability)
Crossword (graphs/probability)
Crossword (maths words)
Crossword (powers, indices, ratio, compound interest etc)
Crossword (shapes)
Crossword (trig, geometry, scale, SDT etc)
Cube patterns on isometric dots
Cube roots
Cube roots (fill the blanks)
Cubic numbers

## Location

Maths 2, Standard Form, Target 4
Numeracy 1, Language of Number, Target 4
Numeracy 2, Language of Number, Target 4
Numeracy 4, Language of Handling Data, Target 4
Maths 3, Language Tasks \& Quizzes, Target 4
Maths 7, Language Tasks \& Quizzes, Target 4
Maths 4, Language Tasks \& Quizzes, Target 4
Numeracy 3, Language of Shape, Target 4
Maths 8, Quadratics, Target 5 (Tasks 3 \& 4)
Maths 8, Quadratics, Target 5 (Tasks 5 \& 6)
Maths 2, Percentages 2, Target 5 (Tasks 9, 10, 11)
Maths 2, Percentages 2, Target 5 (Tasks 5, 6, 12, 13)
Maths 2, Percentages 2, Target 5 (Tasks 1 to 4)
Maths 7, Problems \& Puzzles, Target 4 (Tasks 11, 12)
Maths 1, Money \& Time, Target 4 (Tasks 6 to 10)
Maths 1, Money \& Time, Target 4 (Tasks 1 to 5)
Maths 3, Perimeter and Area, Target 3 (Task 8)
Maths 3, Measurement 2, Target 2 (Tasks 1 to 6)
Numeracy 3, Units of Measurement, Target 3 (Tasks 1 to 7)
Maths 3, Measurement 2, Target 2 (Tasks 7, 8)
Maths 3, Measurement 2, Target 3 (Tasks 1 to 5)
Maths 3, Measurement 2, Target 3 (Tasks 6, 7)
Maths 4, Speed, Distance \& Time, Target 1 (Task 10)
Maths 3, Capacity and Volume, Target 1 (Tasks 4 to 9 )
Numeracy 3, Capacity and Volume, Target 1 (Tasks 1 to 9)
Numeracy 3, Units of Measurement, Target 4 (Tasks 1 to 6)
Numeracy 4, Coordinates, Target 3
Numeracy 4, Coordinates, Target 1
Maths 8, Sraight Lines, Target 1 (Tasks 5 to 14)
Numeracy 4, Coordinates, Target 5
Numeracy 4, Coordinates, Target 4
Numeracy 4, Coordinates, Target 2
Maths 8, Sraight Lines, Target 1 (Tasks 3 \& 4)
Maths 8, Sraight Lines, Target 1 (Tasks $1 \& 2$ )
Maths 8, Problems \& Puzzles, Target 2 (Tasks 9 to 11)
Maths 3, Angles, Target 4 (Tasks 3, 4)
Numeracy 3, Angles, Target 5 (Tasks 3, 4)
Maths 4, Trigonometry 2, Target 4 (Tasks 8, 9)
Maths 4, Trigonometry 2, Target 4 (Tasks 1 to 4)
Maths 4, Trigonometry 2, Target 4 (Tasks 5, 6, 7)
Numeracy 1, Language of Number, Target 3
Numeracy 2, Language of Number, Target 3
Numeracy 4, Language of Handling Data, Target 3
Maths 3, Language Tasks \& Quizzes, Target 3
Maths 7, Language Tasks \& Quizzes, Target 3
Maths 8, Language Tasks \& Quizzes, Target 3
Maths 5, Language Tasks \& Quizzes, Target 3
Maths 6, Language Tasks and Quizzes, Target 3
Maths 1, Maths Language, Target 3
Maths 2, Standard Form, Target 3
Numeracy 3, Language of Shape, Target 3
Maths 4, Language Tasks \& Quizzes, Target 3
Numeracy 3, Shapes and Solids, Target 5
Maths 1, Powers and Order of Operations, Target 2 (Tasks 7, 8, 9)
Maths 1, Powers and Order of Operations, Target 2 (Tasks 2, 4, 5)
Maths 1, Powers and Order of Operations, Target 2 (Tasks 1, 3)

D
Decimal Addition (1dp)
Decimal arithmetic with a calculator
Decimal arithmetic with a calculator (in context)
Decimal arithmetic with a calculator (in context)
Decimal Division
Decimal Multiplication (Single and Double digit)
Decimal Multiplication (Single digit)
Decimal Number Pyramids (Addition \& Subtraction)
Decimal Number Pyramids (Addition)
Decimal Numbers in order (1 and 2 dp )
Decimal place value
Decimal problems with a calculator
Decimal problems with a calculator
Decimal problems with a calculator (advanced BODMAS)
Decimal problems with a calculator (basic BODMAS)
Decimal problems with a calculator (in context)
Decimal scales (length and height)
Decimal Subtraction (1dp)
Dice prediction game
Direct \& Inverse proportion (mixed)
Direct Proportion (basic)
Direct Proportion (basic)
Direct proportion/variation (basic)
Direct proportion/variation (powers/roots)
Distance charts (fill the blanks)
Distance charts (reading information)
Distance diagrams
Distance diagrams
Distance tables (completing)
Distance tables (reading)
Distance-Time graphs
Distance-Time graphs (calculating speeds, one direction)
Distance-Time graphs (calculating speeds, one direction)
Distance-Time graphs (calculating speeds, two directions)
Distance-Time graphs (constructing)
Distance-Time graphs (constructing, finding distances)
Distance-Time graphs (constructing, finding speeds)
Distance-Time graphs (interpreting)
Dividing algebraic terms
Dividing by powers of 10 (decimals)
Dividing by powers of 10 (whole numbers to decimals)
Dividing fractions
Dividing with decimals (decimal/decimal)
Dividing with decimals (decimal/whole)
Division by 10, 100 (Whole Numbers)
Division by $10,100,1000$
Division by a single digit
Division by single digit ( $1,2,3,5,10$ )
Division by single digit ( $4,6,7,8,9,10$ )
Division by single digit (division of up to 3 digit numbers)
Double Digit Addition
Drawing triangles

Numeracy 2, Decimals, Target 1 (Tasks 1, 2)
Numeracy 2, Using a Calculator, Target 1
Numeracy 2, Using a Calculator, Target 2
Numeracy 2, Using a Calculator, Target 3
Numeracy 2, Decimals, Target 4
Numeracy 2, Decimals, Target 3 (Tasks 4, 5)
Numeracy 2, Decimals, Target 3 (Tasks 1, 2, 3)
Numeracy 2, Decimals, Target 2 (Tasks 3, 4)
Numeracy 2, Decimals, Target 1 (Tasks 3, 4)
Numeracy 1, Place Value, Target 4 (Tasks 3, 4, 5)
Numeracy 1, Place Value, Target 3 (Task 3)
Maths 2, Using a Calculator, Target 1
Maths 2, Using a Calculator, Target 2
Maths 2, Using a Calculator, Target 5
Maths 2, Using a Calculator, Target 4 (Tasks 1, 2)
Maths 2, Using a Calculator, Target 3
Numeracy 3, Reading Scales, Target 3
Numeracy 2, Decimals, Target 2 (Tasks 1, 2)
Numeracy 4, Games of Chance, Target 4
Maths 2, Proportion, Target 3 (Task 3)
Maths 2, Proportion, Target 1
Numeracy 2, Ratio and Proportion, Target 5
Maths 8, Inequalities \& Proportion, Target 4 (Tasks 1 to 4)
Maths 8, Inequalities \& Proportion, Target 4 (Tasks 5 to 9)
Numeracy 4, Tables of Information 1, Target 2 (Tasks 7 to 10)
Numeracy 4, Tables of Information 1, Target 2 (Tasks 1 to 6)
Numeracy 4, Tables of Information 1, Target 2
Maths 5, Tables \& Diagrams 1, Target 2 (Tasks 11 \& 12)
Maths 5, Tables \& Diagrams 1, Target 2 (Tasks 7 to 10)
Maths 5, Tables \& Diagrams 1, Target 2 (Tasks 1 to 6)
Maths 5, Line Graphs \& Scatter Graphs, Target 1
Maths 4, Speed, Distance \& Time, Target 3 (Tasks 1, 2, 3)
Maths 4, Speed, Distance \& Time, Target 2
Maths 4, Speed, Distance \& Time, Target 3 (Tasks 4 to 9)
Numeracy 4, Graphs 2, Target 5
Maths 4, Speed, Distance \& Time, Target 4
Maths 4, Speed, Distance \& Time, Target 5
Numeracy 4, Graphs 2, Target 4
Maths 7, Factorising, Target 2 (Tasks 7 to 10)
Maths 1, Place Value, Target 4 (Task 9)
Maths 1, Place Value, Target 4 (Tasks 6, 7, 8)
Maths 2, Fractions 2, Target 5 (Tasks 9 to 13)
Maths 1, Decimals, Target 5 (Tasks 4, 5, 6)
Maths 1, Decimals, Target 5 (Tasks 1, 2, 3)
Numeracy 1, Place Value, Target 5 (Tasks 4, 5)
Numeracy 1, Place Value, Target 5 (Tasks 6, 7)
Maths 1, Arithmetic, Target 4 (Task 6)
Numeracy 1, Division, Target 1
Numeracy 1, Division, Target 2
Numeracy 1, Division, Target 4
Numeracy 1, Addition, Target 2
Maths 4, Scale Drawings \& Loci, Target 4 (Tasks 1 to 4)

| $E$ |  |
| :---: | :---: |
| Enlargement from a point (demonstration) | Maths 4, Transformations 2, Target 4 (Tasks 1, 2) |
| Enlargement from a point (fractional SF, demonstration) | Maths 4, Transformations 2, Target 5 (Tasks 1, 2) |
| Enlargement from a point (fractional SF, given centre \& SF) | Maths 4, Transformations 2, Target 5 (Tasks 5, 6) |
| Enlargement from a point (fractional SF, state centre \& SF) | Maths 4, Transformations 2, Target 5 (Tasks 3, 4) |
| Enlargement from a point (given centre \& SF) | Maths 4, Transformations 2, Target 4 (Tasks 8 to 12) |
| Enlargement from a point (negatibe SF, given centre \& SF) | Maths 4, Transformations 2, Target 5 (Tasks 11, 12) |
| Enlargement from a point (negative SF, demonstration) | Maths 4, Transformations 2, Target 5 (Tasks 7, 8) |
| Enlargement from a point (negative SF, state centre \& SF) | Maths 4, Transformations 2, Target 5 (Tasks 9, 10) |
| Enlargement from a point (state centre \& SF) | Maths 4, Transformations 2, Target 4 (Tasks 3 to 7) |
| Enlargements (by given scale factor) | Maths 4, Transformations 1, Target 5 (Tasks 1 to 10) |
| Enlargements (enlarging by given scale factor) | Numeracy 3, Transformations, Target 4 (Tasks 4 to 11) |
| Enlargements (find scale factor) | Maths 4, Transformations 1, Target 5 (Tasks 11 to 14) |
| Enlargements (identifying correct enlargement) | Numeracy 3, Transformations, Target 4 (Tasks 1, 2, 3) |
| Equations ( $\mathrm{a}(\mathrm{x}+\mathrm{b}$ ) $=\mathrm{c}(\mathrm{x}+\mathrm{d})$ ) | Maths 7, Solving Equations \& Modelling, Target 2 (Task 11, 12, 13) |
| Equations $(a(x+b)=c)$ | Maths 7, Solving Equations \& Modelling, Target 2 (Tasks 8, 9) |
| Equations ( $\mathrm{ax}+\mathrm{b}=\mathrm{c}$ ) | Maths 7, Solving Equations \& Modelling, Target 2 (Tasks 4, 5) |
| Equations ( $\mathrm{ax}+\mathrm{b}=\mathrm{cx}+\mathrm{d}$ ) | Maths 7, Solving Equations \& Modelling, Target 2 (Task 10) |
| Equations ( $a x+b x=c, a x=b x+c)$ | Maths 7, Solving Equations \& Modelling, Target 2 (Tasks 2, 3) |
| Equations ( $a x=b$ ) | Maths 7, Solving Equations \& Modelling, Target 1 (Tasks 6, 7) |
| Equations (basic, mixed examples) | Maths 7, Solving Equations \& Modelling, Target 1 (Tasks 10, 11) |
| Equations (create, algebraic oerimeters) | Maths 8, Solving Equations, Target 1 (Task 3) |
| Equations (generate to solve problems) | Maths 8, Solving Equations, Target 4 |
| Equations (mixed types, negative answers) | Maths 7, Solving Equations \& Modelling, Target 3 |
| Equations (Trial \& Improvement) | Maths 8, Solving Equations, Target 5 |
| Equations (unknown on both sides) | Maths 8, Solving Equations, Target 1 (Tasks 1, 2) |
| Equations (with brackets and sinplification) | Maths 8, Solving Equations, Target 2 (Tasks 1 to 8) |
| Equations (with brackets, basic) | Maths 8, Solving Equations, Target 1 (Tasks 4 to 10) |
| Equations (with fractions, basic) | Maths 8, Solving Equations, Target 3 (Tasks 1 to 4) |
| Equations (with fractions, different denominators) | Maths 8, Solving Equations, Target 3 (Tasks 9 to 11) |
| Equations (with fractions, difficult) | Maths 8, Solving Equations, Target 3 (Tasks 5 to 8) |
| Equations ( $\mathrm{x}+\mathrm{a}=\mathrm{b}$ ) | Maths 7, Solving Equations \& Modelling, Target 1 (Tasks 1 to 5) |
| Equations ( $\mathrm{x} / \mathrm{a}+\mathrm{b}=\mathrm{c}$ ) | Maths 7, Solving Equations \& Modelling, Target 2 (Tasks 6, 7) |
| Equations ( $\mathrm{x} / \mathrm{a}=\mathrm{b}$ ) | Maths 7, Solving Equations \& Modelling, Target 1 (Tasks 8, 9) |
| Equations as algebraic models (basic) | Maths 7, Solving Equations \& Modelling, Target 4 |
| Equations as algebraic models (more difficult) | Maths 7, Solving Equations \& Modelling, Target 5 |
| Equivalent Fractions | Maths 2, Fractions 1, Target 2 (Tasks 1, 2, 3) |
| Equivalent Fractions | Numeracy 2, Fractions 1, Target 3 (Tasks 4, 5, 6) |
| Equivalent Fractions (Falling Bombs) | Maths 2, Fractions 1, Target 2 (Tasks 7, 8) |
| Equivalent Fractions (Falling Stars) | Numeracy 2, Fractions 1, Target 4 |
| Estimating measurements | Numeracy 3, Units of Measurement, Target 2 (Task 3) |
| Estimating pi | Maths 5, Probability Lab, Target 4 (Task 5) |
| Estimating probability | Maths 5, Probability Lab, Target 4 (Tasks 1 to 4) |
| Estimating sizes of angles | Maths 3, Angles, Target 1 (Tasks 7 to 11) |
| Estimation | Maths 1, Rounding and Estimation, Target 5 (Tasks 4, 5) |
| Exact vs Approximate | Maths 1, Rounding and Estimation, Target 1 |
| Expanding brackets (e.g. 2a(3b $+4 \mathrm{c}-5 \mathrm{~d})$ ) | Maths 7, Expanding Brackets, Target 4 (Tasks 3 to 7) |
| Expanding brackets (e.g. $3(4 x+5), 4(2-x)$ ) | Maths 7, Expanding Brackets, Target 1 (Tasks 6 to 9) |
| Expanding brackets (e.g. $3(x+5)$ ) | Maths 7, Expanding Brackets, Target 1 (Tasks 1 to 4) |
| Expanding brackets (e.g. $-5(x+1)$ etc) | Maths 7, Expanding Brackets, Target 3 (Tasks 1 to 9) |
| Expanding brackets (e.g. $x(x+5)$ ) | Maths 7, Expanding Brackets, Target 2 (Tasks 5 to 8) |
| Expanding brackets (e.g. $\mathrm{y}(\mathrm{x}+5)$ ) | Maths 7, Expanding Brackets, Target 2 (Tasks 1 to 4) |
| Expanding brackets (mixed examples) | Maths 7, Expanding Brackets, Target 4 (Tasks 1, 2) |
| Expanding brackets (pairs of brackets) | Maths 8, Quadratics, Target 3 (Tasks 4 to 7) |
| Expanding brackets ( $\mathrm{x}(\mathrm{x}+\mathrm{a}$ ) ) | Maths 8, Quadratics, Target 3 (Tasks 1 to 3) |


| Expanding brackets and simplifying (e.g. 5(x-2) + 3(x-4)) | Maths 7, Expanding Brackets, Target 5 (Tasks 7 to 10) |
| :---: | :---: |
| Expanding brackets and simplifying (e.g. 5(x-2) + 3) | Maths 7, Expanding Brackets, Target 5 (Tasks 1 to 6) |
| Expressions with brackets (writing) | Maths 7, Writing Algebra 2, Target 4 (Tasks 1 to 5) |
| External and internal angles of polygons | Maths 3, Shapes and Solids, Target 2 (Tasks 7, 8) |
| External angles of polygons | Maths 3, Shapes and Solids, Target 2 (Tasks 1 to 6) |
|  | $F$ |
| Factor pairs | Maths 1, Factors \& Primes, Target 1 (Tasks 5 to 9) |
| Factorising (common factor) | Maths 8, Quadratics, Target 3 (Tasks 8, 9) |
| Factorising (difference of two squares) | Maths 8, Quadratics, Target 4 (Tasks 6 to 9) |
| Factorising (trinomials, $\mathrm{a}=1$ ) | Maths 8, Quadratics, Target 3 (Tasks 10 to 12) |
| Factorising (trinomials, a > 1) | Maths 8, Quadratics, Target 3 (Tasks 13, 14) |
| Factors (Wheel) | Numeracy 1, Number Properties 1, Target 3 |
| Factors of given numbers | Maths 1, Factors \& Primes, Target 1 (Tasks 10, 11) |
| Five figure summaries (reading from box plots) | Maths 6, Measures of Spread 1, Target 5 (Tasks 1 to 10) |
| Formulae (construct formula in context) | Maths 7, Substitution \& Formulae, Target 5 (Tasks 11, 12) |
| Formulae (identify correct formula from a list) | Maths 7, Substitution \& Formulae, Target 3 (Tasks 6, 7) |
| Fraction/decimal equivalence | Maths 2, Fractions 2, Target 1 (Tasks 1, 2, 3) |
| Fraction/decimal equivalence | Numeracy 2, Fractions 2, Target 5 (Tasks 1, 2, 3) |
| Fractional indices (indices as roots and evaluating) | Maths 2, Indices, Target 3 (Tasks 2, 3, 4) |
| Fractional indices (roots as indices) | Maths 2, Indices, Target 3 (Tasks 1, 5, 6) |
| Fractions as recurring decimals | Maths 2, Fractions 2, Target 2 (Tasks 6, 7, 8) |
| Fractions in order | Maths 2, Fractions 2, Target 1 (Tasks 7, 8) |
| Fractions of amounts (cancelling down) | Maths 5, Pie Charts \& Stem \& Leaf, Target 1 (Tasks 3 \& 4) |
| Fractions of amounts (mixed) | Maths 2, Fractions 1, Target 5 (Task 6) |
| Fractions of amounts (non-unitary fractions) | Numeracy 2, Fractions 2, Target 4 |
| Fractions of amounts (non-unitary) | Maths 2, Fractions 1, Target 5 (Tasks 4, 5) |
| Fractions of amounts (unitary fractions) | Numeracy 2, Fractions 2, Target 3 |
| Fractions of amounts (unitary) | Maths 2, Fractions 1, Target 5 (Tasks 1, 2, 3) |
| Fractions problems in context (add/subtract/multiply/divide) | Maths 2, Fractions 2, Target 5 (Tasks 14, 15) |
| Frequency charts (constructing) | Maths 6, Frequency Charts \& Polygons, Target 1 |
| Frequency charts (reading) | Maths 6, Frequency Charts \& Polygons, Target 2 |
| Frequency charts (reading) | Maths 6, Frequency Charts \& Polygons, Target 3 |
| Frequency charts/polygons | Maths 6, Data Handling Theory, Target 5 (Task 3) |
| Frequency curve (reading) | Maths 6, Measures of Spread 2, Target 3 |
| Frequency density | Maths 6, Histograms, Target 1 |
| Frequency density (calculating to construct histograms) | Maths 6, Histograms, Target 2 |
| Frequency polygons (constructing) | Maths 6, Frequency Charts \& Polygons, Target 4 |
| Frequency polygons (reading) | Maths 6, Frequency Charts \& Polygons, Target 5 |
| Frequency tables (constructing) | Numeracy 4, Mean, Median, Mode \& Range 2, Target 1 |
| Frequency tables (constructing, basic) | Maths 6, Frequency Tables, Target 1 (Tasks 1 to 3) |
| Frequency tables (grouped data) | Maths 6, Frequency Tables, Target 4 (Tasks 1 to 3) |
| Frequency tables (range and mean, basic) | Numeracy 4, Mean, Median, Mode \& Range 2, Target 3 (Tasks 6 to 10) |
| Frequency tables (reading, basic) | Maths 6, Frequency Tables, Target 1 (Tasks 4 to 10) |
| Frequency tables (tally marks to frequencies) | Numeracy 4, Mean, Median, Mode \& Range 2, Target 3 (Tasks 1 to 5) |
| Frequency tables (with ranges, constructing) | Numeracy 4, Mean, Median, Mode \& Range 2, Target 2 |
| Fruit Machine (3 and 4 digit addition) | Maths 1, Arithmetic, Target 1 (Tasks 4, 5) |
| Fruit Machine (3 and 4 digit subtraction) | Maths 1, Arithmetic, Target 2 (Tasks 4, 5) |
| Fruit Machine (3-digit addition) | Numeracy 1, Addition, Target 4 |
| Fruit Machine (3-digit subtraction) | Numeracy 1, Subtraction, Target 4 |


|  | G |
| :--- | :--- |
| Gradient (calculate missing coordinate) | Maths 8, Sraight Lines, Target 2 (Tasks 10 \& 11) |
| Gradient between two points | Maths 8, Sraight Lines, Target 2 (Tasks 6 to 9) |
| Gradients (parallel lines) | Maths 8, Sraight Lines, Target 5 (Tasks 9 \& 10) |
| Gradients (perpendicular lines) | Maths 8, Sraight Lines, Target 5 (Tasks 11 to 13) |


| Topic | Location |
| :---: | :---: |
| Gridlock | Maths 8, Problems \& Puzzles, Target 1 |
|  | H |
| Highest common factor | Maths 1, Factors \& Primes, Target 2 (Tasks 1 to 3) |
| Highest common factor (algebraic terms) | Maths 7, Factorising, Target 2 (Tasks 1 to 6) |
| Highest common factor (given numbers) | Maths 1, Factors \& Primes, Target 2 (Tasks 9, 10) |
| Highest common factor (numbers) | Maths 7, Factorising, Target 1 (Tasks 1, 2, 3, 9, 10) |
| Histograms (constructing; age) | Maths 6, Histograms, Target 5 (Tasks 1 to 5) |
| Histograms (constructing; rounded data) | Maths 6, Histograms, Target 5 (Tasks 8 to 10) |
| Histograms (reading) | Maths 6, Histograms, Target 3 |
| Histograms (reading) | Maths 6, Histograms, Target 4 |
| Histograms (reading; age) | Maths 6, Histograms, Target 5 (Tasks 6 \& 7) |
| Histograms (reading; rounded data) | Maths 6, Histograms, Target 5 (Tasks 11 \& 12) |
| Hypotenuse/opposite/adjacent in right-angled triangles | Maths 4, Trigonometry 1, Target 1 (Tasks 1 to 4) |
|  | I |
| Identifying right angles | Maths 3, Angles, Target 1 (Tasks 1, 2) |
| Identifying right angles | Numeracy 3, Angles, Target 1 (Tasks 1, 2) |
| Imperial units | Maths 3, Measurement 2, Target 4 |
| Indices (division) | Maths 8, Indices \& Algebraic Fractions, Target 1 (Tasks 7 \& 8) |
| Indices (division, negative indices) | Maths 8, Indices \& Algebraic Fractions, Target 1 (Tasks 9 \& 10) |
| Indices (evaluating fractional indices) | Maths 8, Indices \& Algebraic Fractions, Target 3 (Tasks 3 to 10, 12, 13) |
| Indices (evaluating) | Maths 2, Indices, Target 1 (Tasks 3, 4) |
| Indices (index form) | Maths 2, Indices, Target 1 (Tasks 1, 2) |
| Indices (multiplication) | Maths 8, Indices \& Algebraic Fractions, Target 1 (Tasks 5 \& 6) |
| Indices (multiplication/division) | Maths 8, Indices \& Algebraic Fractions, Target 2 (Tasks 1 to 4) |
| Indices (multiply/divide fractional indices) | Maths 8, Indices \& Algebraic Fractions, Target 3 (Task 11) |
| Indices (numerical) | Maths 8, Indices \& Algebraic Fractions, Target 1 (Task 1 to 3) |
| Indices (powers of powers) | Maths 8, Indices \& Algebraic Fractions, Target 2 (Tasks 5 to 8) |
| Indices (roots and fractional indices) | Maths 8, Indices \& Algebraic Fractions, Target 3 (Tasks 1 \& 2) |
| Indices (with inequalities) | Maths 8, Indices \& Algebraic Fractions, Target 1 (Task 4) |
| Inequalities (combined inequalities on number lines) | Maths 8, Inequalities \& Proportion, Target 2 |
| Inequalities (on number lines) | Maths 8, Inequalities \& Proportion, Target 1 (Tasks 5, 6) |
| Inequalities (solve giving largest/smallest integer) | Maths 8, Inequalities \& Proportion, Target 1 (Task 7) |
| Inequalities (solving basic) | Maths 8, Inequalities \& Proportion, Target 3 (Tasks 1 to 3) |
| Inequalities (solving, difficult) | Maths 8, Inequalities \& Proportion, Target 3 (Tasks 5 to 9) |
| Inequalities (solving, negative coefficients) | Maths 8, Inequalities \& Proportion, Target 3 (Task 4 ) |
| Inequalities (to describe situations) | Maths 8, Inequalities \& Proportion, Target 1 (Task 8) |
| Inequality signs | Maths 8, Inequalities \& Proportion, Target 1 (Tasks 1 to 4) |
| Integers (addition \& subtraction) | Maths 1, Negative Numbers, Target 4 (Tasks 1 to 8) |
| Integers (addition \& subtraction) | Maths 7, Like Terms, Target 2 (Tasks 1 to 8) |
| Interquartile range (from data set) | Maths 6, Measures of Spread 1, Target 3 (Tasks 1 to 6) |
| Inverse proportion (in context) | Maths 2, Proportion, Target 3 (Tasks 1, 2) |
| Inverse proportion/variation (basic) | Maths 8, Inequalities \& Proportion, Target 5 (Tasks 1 to 4) |
| Inverse proportion/variation (powers/roots) | Maths 8, Inequalities \& Proportion, Target 5 (Tasks 5 to 8) |
|  | J |
| Journey times (calculate difference) | Maths 1, Money \& Time, Target 5 (Tasks 1 to 4) |
| Journey times (calculate start/end) | Maths 1, Money \& Time, Target 5 (Tasks 5, 6) |
| Journey times (mixed, in context) | Maths 1, Money \& Time, Target 5 (Task 7) |
|  | L |
| Laws of indices (Division) | Maths 2, Indices, Target 4 (Tasks 4, 5, 6) |
| Laws of indices (Multiplication) | Maths 2, Indices, Target 4 (Tasks 1, 2, 3) |
| Laws of indices (powers of powers) | Maths 2, Indices, Target 5 (Tasks 1, 2, 3) |
| Laws of indices (simplification problems) | Maths 2, Indices, Target 5 (Tasks 4, 5) |


| Topic | Location |
| :---: | :---: |
| Leapfrogs | Maths 7, Problems \& Puzzles, Target 4 (Tasks 2 to 5) |
| Leapfrogs | Numeracy 3, Transformations, Target 5 |
| Lights out | Maths 7, Problems \& Puzzles, Target 3 (Tasks 2 to 6) |
| Limits of measurement (finding) | Maths 3, Measurement 2, Target 5 (Tasks 1 to 7) |
| Limits of measurement (using in claculations) | Maths 3, Measurement 2, Target 5 (Tasks 8 to 12) |
| Line Graphs (constructing) | Numeracy 4, Graphs 2, Target 1 |
| Line Graphs (reading) | Numeracy 4, Graphs 1, Target 5 |
| Line Graphs (reading) | Maths 5, Line Graphs \& Scatter Graphs, Target 4 (Tasks 5 to 12) |
| Line graphs (water height in a bath) | Maths 5, Line Graphs \& Scatter Graphs, Target 2 |
| Line graphs (water level when filling containers) | Maths 5, Line Graphs \& Scatter Graphs, Target 3 (Tasks 7 to 10) |
| Line of best fit | Maths 5, Line Graphs \& Scatter Graphs, Target 5 (Tasks 7 \& 8) |
| Line Symmetry (2-fold symmetry) | Numeracy 3, Symmetry 2, Target 2 (Task 3) |
| Line symmetry (adding lines of symmetry) | Numeracy 3, Symmetry 2, Target 1 (Tasks 1, 2, 4, 5) |
| Line symmetry (completing grid patterns, multi-colour) | Numeracy 3, Symmetry 1, Target 3 |
| Line symmetry (completing grid patterns, one colour) | Numeracy 3, Symmetry 1, Target 2 |
| Line symmetry (completing grid patterns, paired task) | Numeracy 3, Symmetry 1, Target 4 |
| Line symmetry (completing line and dot patterns) | Numeracy 3, Symmetry 1, Target 5 |
| Line symmetry (completing line pictures) | Maths 3, Line Symmetry, Target 3 (Tasks 1 to 6) |
| Line symmetry (completing picture grids, multicolour) | Maths 3, Line Symmetry, Target 2 |
| Line symmetry (completing picture grids, on colour) | Maths 3, Line Symmetry, Target 1 |
| Line symmetry (completing pictures) | Numeracy 3, Symmetry 1, Target 1 |
| Line symmetry (grid patterns with 2 lines of symmetry) | Maths 3, Line Symmetry, Target 4 (Tasks 4 to 10) |
| Line symmetry (identifying correct transformations) | Numeracy 3, Transformations, Target 1 (Tasks 1 to 6) |
| Line symmetry (identifying number of lines of symmetry) | Numeracy 3, Symmetry 2, Target 2 (Task 4) |
| Line symmetry (identifying number of lines of symmetry) | Numeracy 3, Symmetry 2, Target 2 (Tasks 1, 2) |
| Line symmetry (identifying symmetrical vs non-symmetrical) | Numeracy 3, Symmetry 2, Target 1 (Task 3) |
| Line symmetry (isometric patterns) | Maths 3, Line Symmetry, Target 3 (Tasks 7 to 11) |
| Line Symmetry (reading incomplete words) | Numeracy 3, Symmetry 2, Target 2 (Tasks 5, 6) |
| Line symmetry (reflecting shapes) | Numeracy 3, Transformations, Target 1 (Tasks 7 to 10) |
| Linear graphs (direct proportion, plot points to give graph) | Maths 2, Proportion, Target 2 (Tasks 5 to 8) |
| Linear graphs (direct proportion, read from graph) | Maths 2, Proportion, Target 2 (Tasks 1 to 4) |
| Linear sequences (basic, fill the blanks) | Maths 1, Multiples, Target 2 |
| Lines of symmetry (in capital letters) | Maths 3, Line Symmetry, Target 5 (Tasks 1 to 4) |
| Lines of symmetry (in road signs) | Maths 3, Line Symmetry, Target 5 (Task 5) |
| Lines of symmetry (positioning in patterns) | Maths 3, Line Symmetry, Target 5 (Tasks 6 to 11) |
| Lines symmetry (symmetry in shapes) | Maths 3, Line Symmetry, Target 4 (Tasks 1, 2, 3) |
| Loci | Maths 4, Scale Drawings \& Loci, Target 5 |
| Logic Grids | Maths 8, Problems \& Puzzles, Target 5 |
| Logic Puzzles | Maths 8, Problems \& Puzzles, Target 4 |
| Long Division | Maths 1, Arithmetic, Target 4 (Tasks 7, 8) |
| Long Multiplication | Maths 1, Arithmetic, Target 3 (Tasks 8, 9, 10) |
| Long Multiplication | Numeracy 1, Multiplication, Target 4 |
| Lowest common multiple (Lucky Dip) | Maths 1, Multiples, Target 5 (Tasks 10, 11) |
| Lowest common multiple (multiples given) | Maths 1, Multiples, Target 5 (Tasks 4, 5, 6) |
| Lowest common multiple (no multiples given, 3 numbers) | Maths 1, Multiples, Target 5 (Task 9) |
| Lowest common multiple (no multiples given, 2 numbers) | Maths 1, Multiples, Target 5 (Tasks 7, 8) |
|  | M |
| Magic Squares | Maths 1, Arithmetic, Target 1 (Tasks 6, 7, 8) |
| Magic Squares (Decimal) | Maths 1, Decimals, Target 1 (Tasks 7, 8) |
| Magic Squares (integers) | Maths 1, Negative Numbers, Target 4 (Tasks 9, 10) |
| Magic Squares (integers) | Maths 7, Like Terms, Target 2 (Tasks 9, 10) |
| Mastermind (code breaker) | Maths 7, Problems \& Puzzles, Target 5 |
| Match algebra terms with descriptions | Maths 8, Language Tasks \& Quizzes, Target 1 |
| Match graph/probability terms with descriptions | Maths 5, Language Tasks \& Quizzes, Target 1 |
| Match graph/probability terms with descriptions | Maths 6, Language Tasks and Quizzes, Target 1 |


| Match maths phrases with descriptions | Maths 2, Standard Form, Target 1 |
| :---: | :---: |
| Match maths phrases with descriptions (algebra) | Maths 7, Language Tasks \& Quizzes, Target 1 |
| Match maths phrases with descriptions (trig, scale, SDT etc) | Maths 4, Language Tasks \& Quizzes, Target 1 |
| Match maths words with phrases | Maths 1, Maths Language, Target 1 |
| Match number phrases with descriptions | Numeracy 1, Language of Number, Target 1 |
| Match number phrases with descriptions | Numeracy 2, Language of Number, Target 1 |
| Match number phrases with descriptions | Numeracy 4, Language of Handling Data, Target 1 |
| Match shape phrases with descriptions | Maths 3, Language Tasks \& Quizzes, Target 1 |
| Match shape phrases with descriptions | Numeracy 3, Language of Shape, Target 1 |
| Matching balls game (algebraic multiplication, 3p x 4p, etc) | Maths 7, Writing Algebra 1, Target 2 (Tasks 5, 6) |
| Matching balls game (algebraic multiplication, basic) | Maths 7, Writing Algebra 1, Target 1 (Tasks 6, 7) |
| Matching balls game (common factors) | Maths 7, Factorising, Target 3 (Task 6) |
| Matching balls game (evaluating fractional indices) | Maths 2, Indices, Target 3 (Tasks 7, 8) |
| Matching balls game (evaluating indices) | Maths 2, Indices, Target 1 (Tasks 5, 6) |
| Matching balls game (expanding brackets, e.g, 3(4x+5)) | Maths 7, Expanding Brackets, Target 1 (Task 10) |
| Matching balls game (expanding brackets, e.g, 3(x+5)) | Maths 7, Expanding Brackets, Target 1 (Task 5) |
| Matching balls game (like terms) | Maths 7, Like Terms, Target 1 (Task 9) |
| Matching balls game (mean of data set) | Maths 5, Mean, Median, Mode \& Range, Target 4 (Tasks 7 \& 8) |
| Matching balls game (median from data set) | Maths 5, Mean, Median, Mode \& Range, Target 2 (Task 6) |
| Matching balls game (median from data set) | Maths 6, Measures of Spread 1, Target 2 (Task 6) |
| Matching balls game (negative indices) | Maths 2, Indices, Target 2 (Tasks 6, 7) |
| Matching balls game (range from data sets) | Maths 6, Measures of Spread 1, Target 1 (Tasks 7 \& 8) |
| Matching balls game (units of volume) | Maths 3, Capacity and Volume, Target 1 (Task 14) |
| Matching Pairs Game (12-hour and 24-hour time) | Maths 1, Money \& Time, Target 3 (Task 10) |
| Matching Pairs Game (12-hour and 24-hour time) | Numeracy 2, Time, Target 2 (Task 7) |
| Matching pairs game (congruent shapes) | Maths 4, Similarity, Target 1 (Task 2) |
| Matching Pairs Game (equiv fractions and simplest form) | Maths 2, Fractions 1, Target 3 (Tasks 5, 6) |
| Matching Pairs Game (equivalent fractions) | Maths 2, Fractions 1, Target 2 (Task 9) |
| Matching pairs game (equivalent lengths) | Maths 3, Measurement 2, Target 2 (Tasks 9, 12) |
| Matching Pairs Game (Equivalent lengths) | Numeracy 3, Units of Measurement, Target 3 (Tasns 8, 9) |
| Matching pairs game (equivalent masses) | Maths 3, Measurement 2, Target 3 (Tasks 8, 9, 10) |
| Matching pairs game (equivalent probabilities) | Maths 5, Intro to Probability, Target 3 (Tasks 6 \& 7) |
| Matching Pairs Game (equivalent volumes) | Numeracy 3, Capacity and Volume, Target 1 (Task 10) |
| Matching Pairs Game (Equivalent weights) | Numeracy 3, Units of Measurement, Target 4 (Task 7) |
| Matching pairs game (expanding brackets) | Maths 7, Expanding Brackets, Target 2 (Tasks 9, 10) |
| Matching Pairs Game (Fraction/Decimal equivalence) | Maths 2, Fractions 2, Target 1 (Tasks 4, 5, 6) |
| Matching Pairs Game (Fraction/Decimal equivalence) | Numeracy 2, Fractions 2, Target 1 (Tasks 4, 5, 6) |
| Matching pairs game (percentage/decimal equivalence) | Maths 2, Percentages 1, Target 1 (Tasks 9, 10) |
| Matching pairs game (percentage/fraction equivalence) | Maths 2, Percentages 1, Target 1 (Tasks 11, 12) |
| Matching Pairs Game (Percentages/Decimals) | Numeracy 2, Percentages, Target 1 (Tasks 9, 10) |
| Matching Pairs Game (Percentages/Fractions) | Numeracy 2, Percentages, Target 1 (Tasks 7, 8) |
| Matching pairs game (probabilities) | Numeracy 4, Probability, Target 3 (Tasks 7, 8) |
| Matching pairs game (similar shapes) | Maths 4, Similarity, Target 1 (Task 3) |
| Matching pairs game (simplifying ratios) | Maths 2, Ratio, Target 1 (Task 9) |
| Matching Pairs Game (Time) | Numeracy 2, Time, Target 1 (Task 5) |
| Matching pairs game (top-heavy and mixed fractions) | Maths 2, Fractions 1, Target 4 (Tasks 7, 8) |
| Matching Pairs Game (Units and symbols) | Numeracy 3, Units of Measurement, Target 1 (Tasks 4, 5) |
| Matching pairs game (units of measure and symbols) | Maths 3, Measurement 2, Target 1 (Tasks 1, 2) |
| Matching pairs game (units of volume) | Maths 3, Capacity and Volume, Target 1 (Tasks 12, 13) |
| Matchstick puzzles | Maths 7, Problems \& Puzzles, Target 2 |
| Mean | Numeracy 4, Mean, Median, Mode \& Range 1, Target 4 |
| Mean (from a grouped frequency table) | Maths 6, Frequency Tables, Target 5 |
| Mean (from bar graphs) | Maths 5, Mean, Median, Mode \& Range, Target 3 (Task 6) |
| Mean (from data sets) | Maths 5, Mean, Median, Mode \& Range, Target 3 (Tasks 2 to 5) |
| Mean (from frequency) | Maths 6, Frequency Tables, Target 3 (Tasks 1 to 5, 8) |
| Mean (work backwards from the mean) | Maths 5, Mean, Median, Mode \& Range, Target 3 (Tasks 7 to 10) |


| Topic | Location |
| :---: | :---: |
| Mean (working backwards) | Numeracy 4, Mean, Median, Mode \& Range 1, Target 5 (Tasks 5, 6) |
| Mean, Median \& Mode (advantages/disadvantages) | Maths 6, Data Handling Theory, Target 5 (Task 1) |
| Mean, median, mode \& range (from frequency table) | Maths 6, Frequency Tables, Target 3 (Tasks 6 \& 7) |
| Mean, median, mode, range (from list) | Maths 5, Mean, Median, Mode \& Range, Target 5 (Tasks 1 to 4) |
| Mean, median, mode, range (problems) | Maths 5, Mean, Median, Mode \& Range, Target 5 (Tasks 5 to 7) |
| Mean, median, mode, range from list | Numeracy 4, Mean, Median, Mode \& Range 1, Target 5 (Tasks 1 to 4) |
| Measuring cylinders | Numeracy 3, Capacity and Volume, Target 2 |
| Measuring length | Maths 3, Measurement 1, Target 1 |
| Measuring length with a ruler | Maths 3, Measurement 1, Target 2 |
| Median (from data sets) | Maths 5, Mean, Median, Mode \& Range, Target 2 (Tasks 1 to 5) |
| Median (from data sets) | Maths 6, Measures of Spread 1, Target 2 (Tasks 1 to 5) |
| Median (from frequency table) | Maths 6, Frequency Tables, Target 2 |
| Median ( n even, ordered list) | Numeracy 4, Mean, Median, Mode \& Range 1, Target 3 (Tasks 4, 5) |
| Median (n even, unordered list) | Numeracy 4, Mean, Median, Mode \& Range 1, Target 3 (Task 6) |
| Median ( n odd, ordered list) | Numeracy 4, Mean, Median, Mode \& Range 1, Target 3 (Tasks 1, 2) |
| Median (n odd, unordered list) | Numeracy 4, Mean, Median, Mode \& Range 1, Target 3 (Task 3) |
| Median and Interquartile range (from frequency curve) | Maths 6, Measures of Spread 2, Target 2 |
| Metric vs Imperial units | Numeracy 3, Units of Measurement, Target 5 |
| Missing angles (around a point,) | Maths 3, Angles, Target 2 (Tasks 5, 6, 7) |
| Missing angles (in kites) | Maths 3, Angles, Target 3 (Task 9) |
| Missing angles (in quadrilaterals) | Maths 3, Angles, Target 3 (Tasks 7, 8) |
| Missing angles (in regular polygons, difficult!) | Maths 3, Angles, Target 5 |
| Missing angles (in right-angled triangles) | Maths 3, Angles, Target 3 (Task 3) |
| Missing angles (in scalene triangles) | Maths 3, Angles, Target 3 (Tasks 1, 2) |
| Missing angles (isosceles triangles with supp/vert opp) | Maths 3, Angles, Target 3 (Task 6) |
| Missing angles (isosceles triangles) | Maths 3, Angles, Target 3 (Tasks 4, 5) |
| Missing angles (mixed examples) | Maths 3, Angles, Target 4 (Tasks 8, 9, 10) |
| Missing angles (parallelograms) | Maths 3, Angles, Target 4 (Tasks 5, 6) |
| Missing angles (supplementary) | Maths 3, Angles, Target 2 (Tasks 1, 2, 3) |
| Missing angles (trapezia) | Maths 3, Angles, Target 4 (Task 7) |
| Missing angles (vertically opposite) | Maths 3, Angles, Target 2 (Task 4) |
| Mixed fractions to top-heavy | Maths 2, Fractions 1, Target 4 (Tasks 4, 5, 6) |
| Mixed trigonometry questions (no diagrams!) | Maths 4, Trigonometry 2, Target 5 |
| Mode | Numeracy 4, Mean, Median, Mode \& Range 1, Target 1 |
| Mode (from bar graphs) | Maths 5, Mean, Median, Mode \& Range, Target 1 (Task 7) |
| Mode (from data sets) | Maths 5, Mean, Median, Mode \& Range, Target 1 (Tasks 2 to 6) |
| Mode (from grouped frequency table) | Maths 6, Frequency Tables, Target 4 (Tasks 4 \& 5) |
| Money problems (with a calculator) | Maths 2, Using a Calculator, Target 4 (Task 3) |
| Multiples (Patterns on 100 grid) | Numeracy 1, Number Properties 2, Target 2 |
| Multiples (Sequences using 2, 3, 5, 10 times tables) | Numeracy 1, Number Properties 2, Target 3 |
| Multiples (Sequences using 4, 6, 7, 8, 9 times tables) | Numeracy 1, Number Properties 2, Target 4 |
| Multiples of given numbers | Maths 1, Multiples, Target 5 (Tasks 1, 2, 3) |
| Multiplication by 10, 100, 1000 (Decimal Numbers) | Numeracy 1, Place Value, Target 5 (Task 3) |
| Multiplication by 10, 100, 1000 (Whole Numbers) | Numeracy 1, Place Value, Target 5 (Tasks 1, 2) |
| Multiplication grid (ordered) | Maths 1, Arithmetic, Target 3 (Task 6) |
| Multiplication grid (random) | Maths 1, Arithmetic, Target 3 (Task 7) |
| Multiplication Grid Patterns | Maths 1, Multiples, Target 1 |
| Multiplication patterns as powers | Maths 1, Powers and Order of Operations, Target 3 (Tasks 5, 6) |
| Multiplying algebraic terms (e.g. $5 \times \mathrm{X}$ ) | Maths 7, Writing Algebra 1, Target 1 (Tasks 1 to 5) |
| Multiplying algebraic terms (e.g. $\mathrm{X} \times \mathrm{Y}, 3 \mathrm{p} \times 5 \mathrm{q}$ ) | Maths 7, Writing Algebra 1, Target 2 (Tasks 1 to 5) |
| Multiplying by powers of 10 (decimals) | Maths 1, Place Value, Target 4 (Tasks 4, 5) |
| Multiplying by powers of 10 (whole numbers) | Maths 1, Place Value, Target 4 (Tasks 1 to 3) |
| Multiplying fractions | Maths 2, Fractions 2, Target 5 (Tasks 3, 4) |
| Multiplying fractions (fractions "of" fractions) | Maths 2, Fractions 2, Target 5 (Tasks 1, 2) |
| Multiplying fractions (mixed numbers) | Maths 2, Fractions 2, Target 5 (Tasks 5 to 8) |
| Multiplying with decimals (decimal x decimal, up to 3 dp ) | Maths 1, Decimals, Target 4 |


| Topic | Location |
| :---: | :---: |
| Multiplying with decimals (whole $\times$ decimal, up to 2 dp ) | Maths 1, Decimals, Target 2 |
| Multiplying with decimals (whole $\times$ decimal, up to 3 dp ) | Maths 1, Decimals, Target 3 |
| Mutiplying and Dividing by powers of 10 (mixed) | Maths 1, Place Value, Target 4 (Task 10) |
|  | N |
| Names of 3D solids | Maths 3, Shapes and Solids, Target 3 (Tasks 1 to 5) |
| Negative indices (fractions as indices) | Maths 2, Indices, Target 2 (Tasks 4, 5) |
| Negative indices (indices as fractions) | Maths 2, Indices, Target 2 (Tasks 2, 3) |
| Negative indices (reciprocals) | Maths 2, Indices, Target 2 (Task 1) |
| Negative numbers (add \& subtract, fill the blanks) | Maths 1, Negative Numbers, Target 5 (Tasks 2, 3, 4) |
| Negative numbers (multiply \& divide, fill the blanks) | Maths 1, Negative Numbers, Target 5 (Tasks 5 to 8) |
| Nets of cubes | Numeracy 3, Shapes and Solids, Target 4 (Tasks 1, 2) |
| Nets of cuboids | Numeracy 3, Shapes and Solids, Target 4 (Task 3) |
| Nets of solids | Maths 3, Shapes and Solids, Target 5 (Tasks 3 to 7) |
| Nonogram | Maths 8, Problems \& Puzzles, Target 3 |
| Noughts \& Crosses | Maths 7, Problems \& Puzzles, Target 4 (Task 1) |
| Number machines (algebraic expressions with fractions) | Maths 7, Writing Algebra 2, Target 2 (Tasks 5 to 8) |
| Number machines (algebraic expressions with fractions) | Maths 7, Writing Algebra 2, Target 3 (Tasks 6 to 9) |
| Number machines (algebraic expressions) | Maths 7, Writing Algebra 2, Target 1 (Tasks 6 to 10) |
| Number machines (expressions with brackets) | Maths 7, Writing Algebra 2, Target 4 (Tasks 6 to 10) |
| Number machines (fractions, e.g. ( $x+2$ )/3) | Maths 7, Writing Algebra 2, Target 5 (Tasks 5 to 8) |
| Number order (positive decimals to 3 dp ) | Maths 1, Place Value, Target 3 (Tasks 5 to 10) |
| Number order (whole numbers to 4 places) | Maths 1, Place Value, Target 3 (Tasks 1 to 4) |
| Number Puzzles | Maths 1, Factors \& Primes, Target 5 (Tasks 7, 10) |
| Number Pyramids | Maths 1, Arithmetic, Target 2 (Tasks 6, 7, 8) |
| Number pyramids (algebraic expressions) | Maths 7, Like Terms, Target 5 (Tasks 7 to 12) |
| Number pyramids (decimal) | Maths 1, Decimals, Target 1 (Tasks 9, 10) |
| Number pyramids (Integers) | Maths 1, Negative Numbers, Target 4 (Tasks 11, 12) |
| Number pyramids (Integers) | Maths 7, Like Terms, Target 2 (Tasks 11, 12) |
| Numbers to words (3 and 4 digits) | Numeracy 1, Place Value, Target 2 |
|  | 0 |
| Odd and Even Numbers | Numeracy 1, Number Properties 1, Target 1 |
| Order of operations (advanced) | Maths 1, Powers and Order of Operations, Target 5 |
| Order of operations (basic) | Maths 1, Powers and Order of Operations, Target 4 |
| Ordering Integers | Numeracy 2, Temperature, Target 4 (Tasks 4, 5) |
| Ordering numbers (percentage/fraction/decmal) | Maths 2, Percentages 1, Target 1 (Tasks 13, 14) |
| Ordering Temperatures | Numeracy 2, Temperature, Target 4 (Tasks 1, 2, 3) |
|  | P |
| Patterns (complete picture patterns) | Maths 7, Spotting Patterns, Target 2 |
| Patterns (continue repeating shape patterns) | Maths 7, Spotting Patterns, Target 4 |
| Patterns (continue shape pattern sequences, basic) | Maths 7, Spotting Patterns, Target 3 |
| Patterns (continue shape pattern sequences, difficult) | Maths 7, Spotting Patterns, Target 5 |
| Patterns (repeat pictures in triangles/isometric grids) | Maths 7, Spotting Patterns, Target 1 |
| Pentominoes | Maths 7, Problems \& Puzzles, Target 1 |
| Percentage Decrease (simple, Tasks 5, 6) | Maths 2, Percentages 2, Target 2 (Tasks 5, 6) |
| Percentage Increase (simple, Tasks 1 to 4) | Maths 2, Percentages 2, Target 2 (Tasks 1 to 4) |
| Percentage increase/decrease (decimal multiplication factors) | Maths 2, Percentages 2, Target 5 (Tasks 7, 8) |
| Percentage increase/decrease (simple, mixed, Tasks 7, 8) | Maths 2, Percentages 2, Target 2 (Tasks 7, 8) |
| Percentage/decimal equivalence | Maths 2, Percentages 1, Target 1 (Tasks 1, 2, 3) |
| Percentage/decimal equivalence | Numeracy 2, Percentages, Target 1 (Tasks 3, 4) |
| Percentage/fraction equivalence | Maths 2, Percentages 1, Target 1 (Tasks 4, 5, 6) |
| Percentage/fraction equivalence | Numeracy 2, Percentages, Target 1 (Tasks 1, 2) |
| Percentage/fraction/decimal equivalence | Maths 2, Percentages 1, Target 1 (Tasks 7, 8) |
| Percentage/fraction/decimal equivalence | Numeracy 2, Percentages, Target 1 (Tasks 5, 6) |

Percentages (A as a percentage of B)
Percentages of amounts
Percentages of amounts (> 100\%, calculator)
Percentages of amounts (calculator)
Percentages of amounts (non-calculator)
Percentages of shapes (shade stated amount)
Percentages of shapes (state shaded amount)
Perimeter (composite shapes with circular elements)
Perimeter (composite shapes with circular elements)
Perimeter (composite shapes)
Perimeter (composite shapes)
Perimeter (irregular polygons)
Perimeter (squares/rectangles)
Perimeter (squares/rectangles)
Perimeter of shapes
Permutations (basic, list order of outcomes)
Pictograms (constructing)
Pictograms (constructing)
Pictograms (mean and range)
Pictograms (reading)
Pictograms (reading)
Picture Patterns
Pie charts (amounts using a protractor)
Pie charts (amounts using a protractor)
Pie Charts (constructing)
Pie Charts (constructing)
Pie Charts (constructing)
Pie Charts (fractions of total and relative amounts)
Place Value of given digit (decimals)
Place Value of given digit (whole numbers only)
Planes of symmetry
Planes of symmetry
Play Your cards Right
Points of intersection (Quadratic \& Linear)
Popups (add and subtract integers)
Popups (Addition)
Popups (differences)
Popups (Fractions)
Popups (Fractions)
Popups (multiples of 2 up to 12)
Popups (Multiples of 2, 3, 5, 10)
Popups (Primes)
Popups (probabilities)
Popups (probability)
Popups (Subtraction)
Popups (sums)
Power Lines
Powers and roots problems
Powers as repeated multiplication
Precentage change
Precentages of amounts (calculator)
Predict outcome (higher/lower playing cards)
Predict outcome (higher/lower rolling dice)
Predict outcome (spinner)
Prime factors (factor trees)
Prime factors (lists)

Maths 2, Percentages 2, Target 1
Numeracy 2, Percentages, Target 4
Maths 2, Percentages 1, Target 4 (Task 6)
Maths 2, Percentages 1, Target 4 (Tasks 1 to 5)
Maths 2, Percentages 1, Target 3
Maths 2, Percentages 1, Target 2 (Tasks 4, 5, 6)
Maths 2, Percentages 1, Target 2 (Tasks 1, 2, 3)
Maths 3, Perimeter and Area, Target 1 (Tasks 9, 12)
Maths 4, Circle Geometry, Target 1 (Tasks 3 to 6)
Maths 3, Perimeter and Area, Target 1 (Tasks 4, 5, 6)
Numeracy 3, Perimeter and Area, Target 1 (Tasks 4, 5)
Maths 3, Perimeter and Area, Target 1 (Task 3)
Maths 3, Perimeter and Area, Target 1 (Tasks 1, 2)
Numeracy 3, Perimeter and Area, Target 1 (Tasks 1, 2, 3)
Numeracy 3, Perimeter and Area, Target 2
Maths 5, Probability Lab, Target 5 (Tasks 8 to 12)
Numeracy 4, Graphs 1, Target 2
Maths 5, Pictograms \& Bar Charts, Target 2
Numeracy 4, Mean, Median, Mode \& Range 2, Target 4 (Tasks 1 to 6)
Numeracy 4, Graphs 1, Target 1
Maths 5, Pictograms \& Bar Charts, Target 1
Numeracy 1, Sequences, Target 1
Maths 5, Pie Charts \& Stem \& Leaf, Target 1 (Tasks 5 to 11)
Maths 5, Pie Charts \& Stem \& Leaf, Target 2
Numeracy 4, Graphs 2, Target 3
Maths 5, Pie Charts \& Stem \& Leaf, Target 3
Maths 5, Pie Charts \& Stem \& Leaf, Target 4
Numeracy 4, Graphs 2, Target 2
Maths 1, Place Value, Target 2 (Task 3)
Maths 1, Place Value, Target 2 (Tasks 1, 2)
Maths 3, Rotational \& Plane Symmetry, Target 4
Maths 3, Rotational \& Plane Symmetry, Target 5
Numeracy 4, Games of Chance, Target 5
Maths 8, Simultaneous Equations, Target 5 (Tasks 5 to 11)
Maths 1, Negative Numbers, Target 5 (Task 1)
Numeracy 1, Addition, Target 5
Maths 1, Arithmetic, Target 2 (Tasks 1, 2, 3)
Maths 2, Fractions 1, Target 2 (Tasks 4, 5, 6)
Numeracy 2, Fractions 1, Target 3 (Tasks 1, 2, 3)
Maths 1, Multiples, Target 3
Numeracy 1, Number Properties 2, Target 5
Maths 1, Factors \& Primes, Target 3 (Task 6)
Maths 5, Intro to Probability, Target 2 (Task 6 to 8)
Numeracy 4, Probability, Target 2 (Tasks 5, 6, 7)
Numeracy 1, Subtraction, Target 5
Maths 1, Arithmetic, Target 1 (Tasks 1, 2, 3)
Maths 1, Factors \& Primes, Target 5 (Tasks 1 to 6)
Maths 1, Powers and Order of Operations, Target 3 (Task 7)
Maths 1, Powers and Order of Operations, Target 3 (Tasks 1 to 4)
Maths 2, Percentages 2, Target 3
Numeracy 2, Percentages, Target 5
Maths 5, Probability Lab, Target 3
Maths 5, Probability Lab, Target 2
Maths 5, Probability Lab, Target 1
Maths 1, Factors \& Primes, Target 4 (Tasks 1 to 7)
Maths 1, Factors \& Primes, Target 4 (Tasks 8 to 11)

Location

Prime numbers

## Prime Sorting

Probabilities (equivalence with fract/\%/decimal)
Probabilities of events (simple, as fractions)
Probability ("at least" probabilities)
Probability (adding probabilities)
Probability (adding probabilities)
Probability (combined; rolling two dice)
Probability (conditional probability)
Probability (equivalence with fractions, decimal, percentages)
Probability (independent events; multiplying probabilities)
Probability (mutually exclusive events; calculations)
Probability (mutually exclusive events; determining)
Probability (simplifying ratios)
Probability (spinners)
Probability (using spinners)
Probability (working backwards)
Probability line
Probability line
Probability of an event (basic, as a fraction)
Probability of an event (likely, unlikely etc)
Probabiliy (simplifying ratios)
Probablity (combined, unrelated events)
Problem Solving Toolkit
Problem solving with place value
Properties and names of 2D shapes
Proportion in context (eg tins of paint required, rounding up)
Pythagoras (area problems)
Pythagoras (areas of isosceles triangles)
Pythagoras (find a side, mixed examples)
Pythagoras (finding a smaller side)
Pythagoras (finding the hypotenuse)
Pythagoras (in context)
Pythagoras (in trapezia, diagonals, etc)
Pythagoras (ladders/simple bearings)
Pythagoras (space diagonals of cubes \& cuboids)
Pythagoras' Theorem (definition and visual proofs)

Quadratic Equations ( $a=1$ )
Quadratic Equations ( $\mathrm{a}>1$ )
Quadratic Equations (common factor)
Quadratic Equations (completing the square)
Quadratic Equations (problem solving)
Quadratic Equations (problem solving, difficult)
Quadratic Equations (rearrange to solve)
Quadratic Formula
Quadratic Graphs (sketching)
Quadratic Graphs (sketching)
Quartiles (from frequency tables)
Queens
Quiz (2D/3D shapes, volume, area, etc)
Quiz (algebra and problem solving)
Quiz (algebra)
Quiz (Averages and Statistics)
Quiz (Decimals and Money)

Maths 1, Factors \& Primes, Target 3 (Tasks 2 to 5)
Numeracy 1, Number Properties 1, Target 5 (Tasks 2, 3)
Maths 5, Intro to Probability, Target 3 (Tasks 1 to 5)
Maths 5, Intro to Probability, Target 2 (Tasks 9 to 12)
Maths 6, Probability 2, Target 5 (Tasks 1 to 6)
Maths 6, Probability 1, Target 4
Maths 6, Probability 1, Target 5
Maths 5, Probability Lab, Target 1
Maths 6, Probability 2, Target 5 (Tasks 7 to 12)
Numeracy 4, Probability, Target 3 (Tasks 1 to 6)
Maths 6, Probability 2, Target 1
Maths 6, Probability 1, Target 3
Maths 6, Probability 1, Target 2
Maths 5, Intro to Probability, Target 2 (Tasks 1 to 5)
Numeracy 4, Probability, Target 4
Maths 5, Intro to Probability, Target 4 (Tasks 1 to 6)
Maths 5, Intro to Probability, Target 4 (Tasks 7 to 11))
Numeracy 4, Probability, Target 1
Maths 5, Intro to Probability, Target 1 (Task 2)
Maths 6, Probability 1, Target 1
Maths 5, Intro to Probability, Target 1 (Tasks 4 to 7)
Numeracy 4, Probability, Target 2 (Tasks 1 to 4)
Numeracy 4, Probability, Target 5
Maths 8, Language Tasks \& Quizzes, Target 3 (Tasks 13 to 15)
Maths 1, Place Value, Target 5
Maths 3, Shapes and Solids, Target 1
Maths 2, Proportion, Target 4 (Tasks 11, 12)
Maths 4, Pythagoras, Target 4 (Task 11)
Maths 4, Pythagoras, Target 4 (Task 10)
Maths 4, Pythagoras, Target 4 (Tasks 1, 2)
Maths 4, Pythagoras, Target 3
Maths 4, Pythagoras, Target 2
Maths 4, Pythagoras, Target 4 (Tasks 8, 9)
Maths 4, Pythagoras, Target 4 (Tasks 5, 6, 7)
Maths 4, Pythagoras, Target 4 (Tasks 3, 4)
Maths 4, Pythagoras, Target 5
Maths 4, Pythagoras, Target 1 (Tasks 3 to 8)

## Q

Maths 8, Quadratics, Target 4 (Tasks 1 to 3)
Maths 8, Quadratics, Target 5 (Tasks 1 \& 2)
Maths 8, Quadratics, Target 4 (Tasks 4, 5)
Maths 8, Quadratics, Target 5 (Tasks 7 to 10)
Maths 8, Quadratics, Target 4 (Tasks 13 to 15)
Maths 8, Quadratics, Target 5 (Tasks 13, 14)
Maths 8, Quadratics, Target 4 (Tasks 10 to 12)
Maths 8, Quadratics, Target 5 (Tasks 11, 12)
Maths 8, Quadratics, Target 1
Maths 8, Quadratics, Target 2
Maths 6, Measures of Spread 1, Target 3 (Tasks 7 to 10)
Maths 7, Problems \& Puzzles, Target 4 (Tasks 6 to 10)
Maths 3, Language Tasks \& Quizzes, Target 5
Maths 8, Language Tasks \& Quizzes, Target 3
Maths 7, Language Tasks \& Quizzes, Target 5
Numeracy 4, Language of Handling Data, Target 5
Numeracy 2, Using a Calculator, Target 5

Topic
Location
Quiz (factors, multiples, powers, BODMAS)
Quiz (Fractions, Decimals, Percentages)
Quiz (graphs/probability)
Quiz (graphs/probability)
Quiz (Numeracy in context)
Quiz (powers, indices, ratio, compound interest etc)
Quiz (Rounding, Factors \& Multiples, Place Value)
Quiz (shape and measure)
Quiz (shape and measure)
Quiz (tables)
Quiz (trig, geometry, scale, SDT etc)

| $R$ |  |
| :---: | :---: |
| Range | Numeracy 4, Mean, Median, Mode \& Range 1, Target 2 |
| Range (from a bar graph) | Maths 6, Measures of Spread 1, Target 1 (Task 6) |
| Range (from a data set) | Maths 6, Measures of Spread 1, Target 1 (Tasks 1 to 5) |
| Range (from bar graphs) | Maths 5, Mean, Median, Mode \& Range, Target 4 (Task 6) |
| Range (from data sets) | Maths 5, Mean, Median, Mode \& Range, Target 4 (Tasks 1 to 5) |
| Rates | Maths 2, Proportion, Target 4 (Task 1) |
| Ratio questions (mixed, in context) | Maths 2, Ratio, Target 4 |
| Ratios from shapes (state shaded ratio) | Maths 2, Ratio, Target 2 |
| Ratios of amounts | Numeracy 2, Ratio and Proportion, Target 2 |
| Ratios of amounts (A:B) | Maths 2, Ratio, Target 3 (Tasks 1 to 5) |
| Ratios of amounts (A:B:C) | Maths 2, Ratio, Target 3 (Tasks 6 to 9) |
| Ratios of amounts (A:B:C:D) | Maths 2, Ratio, Target 3 (Task 10) |
| Ratios of amounts (in context) | Numeracy 2, Ratio and Proportion, Target 3 |
| Ratios of amounts (in context) | Numeracy 2, Ratio and Proportion, Target 4 |
| Reading clocks (analogue mirror images) | Numeracy 2, Time, Target 1 (Task 10) |
| Reading clocks (analogue) | Numeracy 2, Time, Target 1 (Tasks 1, 2) |
| Reading scales (circular) | Numeracy 3, Reading Scales, Target 4 |
| Reading scales (decimal number divisions) | Numeracy 3, Reading Scales, Target 2 (Tasks 5, 6) |
| Reading scales (measuring cylinders) | Maths 3, Capacity and Volume, Target 2 |
| Reading scales (mixed divisions) | Numeracy 3, Reading Scales, Target 2 (Tasks 7, 8) |
| Reading scales (whole number divisions) | Numeracy 3, Reading Scales, Target 2 (Tasks 1 to 4) |
| Reading Tables (opening hours) | Numeracy 4, Tables of Information 2, Target 5 (Tasks 6, 7, 8) |
| Reading Tables (price lists) | Numeracy 4, Tables of Information 2, Target 5 (Tasks 1 to 5) |
| Reading Tables (weather charts) | Numeracy 4, Tables of Information 2, Target 5 (Tasks 9, 10) |
| Ready reckoners | Maths 5, Line Graphs \& Scatter Graphs, Target 4 (Tasks 1 to 4) |
| Reciprocal of a fraction | Maths 2, Indices, Target 2 (Task 8) |
| Recognising 2D shapes from clues | Maths 3, Shapes and Solids, Target 5 (Tasks 1, 2) |
| Recognising 3D shapes from clues | Maths 3, Shapes and Solids, Target 5 (Tasks 8, 9, 10) |
| Recurring decimals as fractions | Maths 2, Fractions 2, Target 2 (Tasks 1 to 5) |
| Reflections (choose correct reflection) | Maths 4, Transformations 1, Target 1 |
| Reflections (complete diagram) | Maths 4, Transformations 1, Target 2 |
| Reflections in lines on $x / y$ axes (find equation of line) | Maths 4, Transformations 2, Target 1 (Tasks 7 to 10) |
| Reflections in lines on $x / y$ axes (line given and shown) | Maths 4, Transformations 2, Target 1 (Tasks 1 to 6) |
| Reflections in lines on $\mathrm{x} / \mathrm{y}$ axes (line given, not shown) | Maths 4, Transformations 2, Target 1 (Tasks 11 to 14) |
| Relative frequency | Maths 5, Probability Lab, Target 5 (Tasks 1 to 4) |
| Reverse percentages | Maths 2, Percentages 2, Target 4 |
| Right-angled triangles (identify and measure sides) | Maths 4, Pythagoras, Target 1 (Tasks 1, 2) |
| Rock, Paper, Scissors | Numeracy 4, Games of Chance, Target 1 |
| Rotational symmetry | Maths 3, Rotational \& Plane Symmetry, Target 1 |
| Rotational symmetry (complete patterns with given order) | Maths 3, Rotational \& Plane Symmetry, Target 3 |
| Rotational symmetry (identifying correct rotation) | Numeracy 3, Transformations, Target 3 (Tasks 1 to 6) |
| Rotational symmetry (identifying order) | Numeracy 3, Symmetry 2, Target 3 |
| Rotational symmetry (identifying order) | Numeracy 3, Symmetry 2, Target 4 |

Topic
Rotational symmetry (order in shapes)
Rotational symmetry (rotating shapes)
Rotations (carry out given transformation)
Rotations (describe given transformation)
Rotations about a point on $\mathrm{x} / \mathrm{y}$ axes
Rotations about a point on $\mathrm{x} / \mathrm{y}$ axes (state centre and angle)
Round to nearest 10 (up to 5 digits)
Round to nearest 100 (up to 5 digits)
Round to nearest 1000 (up to 6 digits)
Round to nearest whole (1 and 2 d.p.)
Round to one decimal place (numbers to 2 d.p.)
Round to one decimal place (numbers to 3 d.p.)
Rounding (four dp)
Rounding (nearest hundred)
Rounding (nearest ten)
Rounding (nearest thousand)
Rounding (nearest whole)
Rounding (one dp)
Rounding (three dp)
Rounding (two dp)
Rounding in context
Rounding to estimate answers

| S |  |
| :---: | :---: |
| Sampling | Maths 6, Data Handling Theory, Target 4 (Tasks 8 to 10) |
| Sampling (stratified) | Maths 6, Data Handling Theory, Target 4 (Tasks 4 to 7) |
| Scale on maps (map vs actual) | Maths 2, Ratio, Target 5 |
| Scales (circular) | Maths 3, Measurement 1, Target 5 |
| Scales (completing missing scales) | Numeracy 3, Reading Scales, Target 1 (Tasks 4 to 9) |
| Scales (fill the blanks, decimals) | Maths 3, Measurement 1, Target 3 (Tasks 6 to 9) |
| Scales (fill the blanks, whole numbers) | Maths 3, Measurement 1, Target 3 (Tasks 1 to 5) |
| Scales (Identifying divisions) | Numeracy 3, Reading Scales, Target 1 (Tasks 1, 2, 3) |
| Scales (reading, decimals) | Maths 3, Measurement 1, Target 4 (Tasks 5, 6) |
| Scales (reading, whole numbers) | Maths 3, Measurement 1, Target 4 (Tasks 1 to 4) |
| Scales (reading, whole numbers/decimals) | Maths 3, Measurement 1, Target 4 (Tasks 7, 8) |
| Scales on maps (as ratios) | Maths 4, Scale Drawings \& Loci, Target 1 (Tasks 5, 6, 7) |
| Scales on maps (map distance vs actual) | Maths 4, Scale Drawings \& Loci, Target 1 (Tasks 8, 9, 10) |
| Scatter graphs (construction) | Maths 5, Line Graphs \& Scatter Graphs, Target 5 (Tasks 4 to 6) |
| Scatter graphs (correlation) | Maths 5, Line Graphs \& Scatter Graphs, Target 5 (Tasks 1 to 3) |
| Sector of a circle (find area given radius) | Maths 4, Circle Geometry, Target 3 (Task 1, 2, 3) |
| Sector of a circle (find radius or angle given area) | Maths 4, Circle Geometry, Target 3 (Task 3) |
| Segments of circles (find area given radius \& angle) | Maths 4, Circle Geometry, Target 3 (Task 9, 10) |
| Sequences (Basic Linear) | Numeracy 1, Sequences, Target 2 |
| Sequences (Find a rule, linear) | Numeracy 1, Sequences, Target 4 (Tasks 1, 2, 3) |
| Sequences (Find a rule, non-linear) | Numeracy 1, Sequences, Target 4 (Task 4) |
| Sequences (find terms given basic 2-step rule) | Maths 8, Sequences, Target 2 (Tasks 1 to 4) |
| Sequences (find terms given rule) | Maths 8, Sequences, Target 3 (Tasks 1 to 5, 7 to 10) |
| Sequences (find terms, difficult 2-step) | Maths 8, Sequences, Target 2 (Tasks 5 to 10) |
| Sequences (letter patterns) | Maths 8, Sequences, Target 3 (Tasks 6, 10) |
| Sequences (Linear, random gaps) | Numeracy 1, Sequences, Target 3 |
| Sequences (missing terms, basic and integers) | Maths 8, Sequences, Target 1 (Tasks 1 to 8) |
| Sequences (missing terms, basic and integers) | Maths 8, Sequences, Target 1 (Tasks 9 \& 10) |
| Sequences (Roman numerals) | Maths 8, Sequences, Target 3 (Tasks 11, 12) |
| Sequences (Un notation: find rule) | Maths 8, Sequences, Target 4 (Tasks 7 to 13) |
| Sequences (Un notation: find terms) | Maths 8, Sequences, Target 4 (Tasks 1 to 6) |
| Sequences (Un notation; quadratic: find rule) | Maths 8, Sequences, Target 5 (Tasks 6 to 13) |


| Topic | Location |
| :---: | :---: |
| Sequences (Un notation; quadratic: find terms) | Maths 8, Sequences, Target 5 (Tasks 1 to 5) |
| Shaded fractions (shade given fraction) | Maths 2, Fractions 1, Target 1 (Tasks 6 to 10) |
| Shaded fractions (shade given fraction) | Numeracy 2, Fractions 1, Target 2 |
| Shaded fractions (state fraction shaded) | Maths 2, Fractions 1, Target 1 (Tasks 1 to 5) |
| Shaded fractions (state fraction shaded) | Numeracy 2, Fractions 1, Target 1 |
| Shaded Percentages (shade given percentage) | Numeracy 2, Percentages, Target 3 |
| Shaded Percentages (state percentage shaded) | Numeracy 2, Percentages, Target 2 |
| Significant figures (rounding to 1 sf ) | Maths 1, Rounding and Estimation, Target 4 (Tasks 4, 5, 6) |
| Significant figures (rounding to 2 sf ) | Maths 1, Rounding and Estimation, Target 4 (Tasks 7, 8, 9) |
| Significant figures (rounding to 3 sf ) | Maths 1, Rounding and Estimation, Target 4 (Tasks 10, 11, 12) |
| Significant figures (select frist sig fig) | Maths 1, Rounding and Estimation, Target 4 (Tasks 1, 2, 3) |
| Similar shapes (find given side) | Maths 4, Similarity, Target 2 (Tasks 4, 5) |
| Similar shapes (find given side) | Maths 4, Similarity, Target 3 (Tasks 4 to 7) |
| Similar shapes (find scale factor) | Maths 4, Similarity, Target 3 (Tasks 1, 2, 3) |
| Similar triangles (definition) | Maths 4, Similarity, Target 1 (Tasks 8, 9) |
| Similar triangles (demonstration) | Maths 4, Similarity, Target 2 (Task 1) |
| Similar triangles (find given side) | Maths 4, Similarity, Target 2 (Tasks 2, 3, 6 to 9) |
| Similarity and congruency (definitions) | Maths 4, Similarity, Target 1 (Tasks 1, 4, 5) |
| Similarity (identifying equivalent angles) | Maths 4, Similarity, Target 1 (Task 7) |
| Similarity (Identifying equivalent sides) | Maths 4, Similarity, Target 1 (Task 6) |
| Similarity problems (in context) | Maths 4, Similarity, Target 3 (Tasks 13, 14) |
| Simple interest | Maths 2, Percentages 1, Target 5 |
| Simplifying algebraic fractions (common factors) | Maths 7, Factorising, Target 5 |
| Simplifying Fractions | Maths 2, Fractions 1, Target 3 (Tasks 1 to 4) |
| Simplifying Fractions | Numeracy 2, Fractions 2, Target 1 |
| Simplifying Fractions | Maths 5, Pie Charts \& Stem \& Leaf, Target 1 (Tasks 1 \& 2) |
| Simplifying like terms (add/subtract negative coefficients) | Maths 7, Like Terms, Target 3 (Tasks 1 to 7) |
| Simplifying like terms (e.g. $2 \mathrm{p}+3 \mathrm{p}$ ) | Maths 7, Like Terms, Target 1 (Tasks 3, 4, 5) |
| Simplifying like terms (e.g. $2 x+5 y+5 x$ ) | Maths 7, Like Terms, Target 1 (Tasks 6, 7, 8) |
| Simplifying like terms (e.g. 3ab-2xy + 2ba - 4yx) | Maths 7, Like Terms, Target 4 (Tasks 2 to 8) |
| Simplifying like terms (mixed examples) | Maths 7, Like Terms, Target 5 (Tasks 1 to 6) |
| Simplifying ratios | Maths 2, Ratio, Target 1 (Tasks 1 to 5) |
| Simplifying Ratios | Numeracy 2, Ratio and Proportion, Target 1 |
| Simplifying ratios (different units) | Maths 2, Ratio, Target 1 (Tasks 6, 7, 8) |
| Simplifying ratios (in context) | Maths 2, Ratio, Target 1 (Task 8) |
| Simultaneous Equations (basic word problems) | Maths 8, Simultaneous Equations, Target 2 (Tasks 5 to 8) |
| Simultaneous Equations (elimination, ax + by, ax + 2by) | Maths 8, Simultaneous Equations, Target 3 (Tasks 1 to 4) |
| Simultaneous Equations (elimination, $a x+b y, c x+d y$ ) | Maths 8, Simultaneous Equations, Target 4 (Tasks 1 to 4) |
| Simultaneous Equations (elimination, $a x+y$, $a x-y$ ) | Maths 8, Simultaneous Equations, Target 2 (Tasks 1 to 4) |
| Simultaneous Equations (harder word problems) | Maths 8, Simultaneous Equations, Target 3 (Tasks 5 to 8) |
| Simultaneous Equations (hardest word problems) | Maths 8, Simultaneous Equations, Target 4 (Tasks 5 to 8,11) |
| Simultaneous Equations (point of intersection) | Maths 8, Simultaneous Equations, Target 4 (Task 10) |
| Simultaneous Equations (solve graphically) | Maths 8, Simultaneous Equations, Target 1 |
| Simultaneous Equations (substitution) | Maths 8, Simultaneous Equations, Target 5 (Tasks 1 to 4) |
| Sine Rule (bearings problems) | Maths 4, Trigonometry 2, Target 3 (Tasks 8, 9) |
| Sine Rule (find a side) | Maths 4, Trigonometry 2, Target 3 (Tasks 1 to 4) |
| Sine Rule (find an angle) | Maths 4, Trigonometry 2, Target 3 (Tasks 5, 6, 7) |
| Single/Double Digit Addition | Numeracy 1, Addition, Target 1 |
| Slide Puzzle | Maths 8, Problems \& Puzzles, Target 2 (Tasks 1 to 3) |
| Snakes and Ladders | Numeracy 4, Games of Chance, Target 2 |
| SOHCAHTOA (angles between space diagonals) | Maths 4, Trigonometry 2, Target 1 (Tasks 9, 10) |
| SOHCAHTOA (areas of regular polygons) | Maths 4, Trigonometry 2, Target 1 (Task 7) |
| SOHCAHTOA (cosine to find a side) | Maths 4, Trigonometry 1, Target 3 (Tasks 4, 5, 6) |
| SOHCAHTOA (cosine to find an angle) | Maths 4, Trigonometry 1, Target 2 (Tasks 4, 5, 6) |
| SOHCAHTOA (cosine to find hypotenuse) | Maths 4, Trigonometry 1, Target 4 (Tasks 4, 5, 6) |
| SOHCAHTOA (definitions) | Maths 4, Trigonometry 1, Target 1 (Tasks 5, 6) |


| Topic | Location |
| :---: | :---: |
| SOHCAHTOA (find a side, cross-multiply, mixed examples) | Maths 4, Trigonometry 1, Target 4 (Tasks 10, 11, 12) |
| SOHCAHTOA (find a side, mixed examples) | Maths 4, Trigonometry 1, Target 3 (Tasks 10, 11, 12) |
| SOHCAHTOA (find an angle, mixed examples) | Maths 4, Trigonometry 1, Target 2 (Tasks 10, 11, 12) |
| SOHCAHTOA (identify correct ratio, find a side) | Maths 4, Trigonometry 2, Target 1 (Tasks 1, 2) |
| SOHCAHTOA (identify correct ratio, find an angle) | Maths 4, Trigonometry 2, Target 1 (Tasks 4, 5) |
| SOHCAHTOA (identify correct ratio, mixed examples) | Maths 4, Trigonometry 1, Target 5 |
| SOHCAHTOA (problem solving, find an angle) | Maths 4, Trigonometry 2, Target 1 (Task 6) |
| SOHCAHTOA (problems in context) | Maths 4, Trigonometry 2, Target 1 (Task 8) |
| SOHCAHTOA (problem-solving, find a side) | Maths 4, Trigonometry 2, Target 1 (Task 3) |
| SOHCAHTOA (sine to find a side) | Maths 4, Trigonometry 1, Target 3 (Tasks 1, 2, 3) |
| SOHCAHTOA (sine to find an angle) | Maths 4, Trigonometry 1, Target 2 (Tasks 1, 2, 3) |
| SOHCAHTOA (sine to find hypotenuse) | Maths 4, Trigonometry 1, Target 4 (Tasks 1, 2, 3) |
| SOHCAHTOA (tangent to find a side) | Maths 4, Trigonometry 1, Target 3 (Tasks 7, 8, 9) |
| SOHCAHTOA (tangent to find adjacent) | Maths 4, Trigonometry 1, Target 4 (Tasks 7, 8, 9) |
| SOHCAHTOA (tangent to find an angle) | Maths 4, Trigonometry 1, Target 2 (Tasks 7, 8, 9) |
| Solitaire | Maths 7, Problems \& Puzzles, Target 3 (Task 1) |
| Sorting Percentage/Decimal/Fraction | Numeracy 2, Percentages, Target 1 (Task 11) |
| Space Invaders (Division) | Maths 1, Arithmetic, Target 4 (Tasks 1, 2, 3) |
| Space Invaders (Division) | Numeracy 1, Division, Target 5 |
| Space Invaders (Multiplication) | Maths 1, Arithmetic, Target 3 (Tasks 1, 2, 3) |
| Space Invaders (Multiplication) | Numeracy 1, Multiplication, Target 5 |
| Speed, Distance \& Time formula triangle | Maths 4, Speed, Distance \& Time, Target 1 (Task 4) |
| Speed, Distance \& Time problems (RE-type) | Maths 4, Speed, Distance \& Time, Target 1 (Tasks 11, 12) |
| Speed, Distance \& Time problems (steady speed) | Maths 4, Speed, Distance \& Time, Target 1 (Tasks 5, 6) |
| Spinner game | Numeracy 4, Games of Chance, Target 3 |
| Square numbers | Maths 1, Powers \& Order of Operations, Target 1 (Tasks 1, 3, 5, 7) |
| Square Numbers (Patterns) | Numeracy 1, Number Properties 2, Target 1 |
| Square Numbers Sorting | Numeracy 1, Number Properties 1, Target 2 |
| Square roots | Maths 1, Powers \& Order of Operations, Target 1 (Tasks 9, 10, 11) |
| Square roots (fill the blanks) | Maths 1, Powers \& Order of Operations, Target 1 (Tasks 2, 4, 6, 8) |
| Squares, cubes, square roots and cube roots | Maths 1, Powers and Order of Operations, Target 2 (Task 10) |
| Standard form (correcting, eg $0.005 \times 10 \wedge 5$ ) | Maths 2, Standard Form, Target 4 (Task 2) |
| Standard form (division) | Maths 2, Standard Form, Target 4 (Task 6, 7) |
| Standard form (in terms of thousand, million, billion etc) | Maths 2, Standard Form, Target 1 (Task 10) |
| Standard form (multiplying) | Maths 2, Standard Form, Target 4 (Task 1, 3, 4) |
| Standard form (negative indices, thousandths, millionths etc) | Maths 2, Standard Form, Target 3 (Task 4) |
| Standard form (negative indices, write in full) | Maths 2, Standard Form, Target 3 (Task 1, 2, 3) |
| Standard form (negative indices, write in standard form) | Maths 2, Standard Form, Target 2 |
| Standard form (powers of indices) | Maths 2, Standard Form, Target 4 (Task 5) |
| Standard form (standard form in full) | Maths 2, Standard Form, Target 1 (Tasks 7, 8, 9) |
| Standard form (write in standard form) | Maths 2, Standard Form, Target 1 (Tasks 1 to 6) |
| Standard form (write in standard form, in context) | Maths 2, Standard Form, Target 1 (Task 11) |
| Standard from (addition/subtraction) | Maths 2, Standard Form, Target 5 |
| Stem \& Leaf diagrams (back to back, constructing) | Maths 5, Pie Charts \& Stem \& Leaf, Target 5 (Task 9) |
| Stem \& Leaf diagrams (back to back, reading) | Maths 5, Pie Charts \& Stem \& Leaf, Target 5 (Task 10) |
| Stem \& Leaf diagrams (constructing) | Maths 5, Pie Charts \& Stem \& Leaf, Target 5 (Tasks 3 to 7) |
| Stem \& Leaf diagrams (reading) | Maths 5, Pie Charts \& Stem \& Leaf, Target 5 (Task 8) |
| Straight lines (distance between two points) | Maths 8, Sraight Lines, Target 5 (Tasks 5 to 8) |
| Straight Lines (draw, generating points) | Maths 8, Sraight Lines, Target 2 (Tasks 2 to 5) |
| Straight Lines (equation from graph) | Maths 8, Sraight Lines, Target 3 (Tasks 2, 4 to 11) |
| Straight Lines (equation from graph) | Maths 8, Sraight Lines, Target 4 (Task 7) |
| Straight Lines (equation given 2 points) | Maths 8, Sraight Lines, Target 4 (Tasks 4 to 6) |
| Straight Lines (equation given m and c ) | Maths 8, Sraight Lines, Target 3 (Task 3) |
| Straight Lines (equation of horiz/vert lines) | Maths 8, Sraight Lines, Target 3 (Task 1) |
| Straight lines (find midpoint) | Maths 8, Sraight Lines, Target 5 (Tasks 1 to 4) |
| Straight lines ( $m$ \& c from Ax + By + C = 0) | Maths 8, Sraight Lines, Target 4 (Tasks 8 to 10) |

Straight Lines (vertical \& horizontal)
Straigt Lines (equation given m and a point) Substitution (basic)
Substitution (with negative integer multiplication/division) Substitution into formulae
Substitution into formulae (find terms on LHS and RHS)
Substitution into formulae (find terms on LHS and RHS)
Subtracting fractions (common denominators \& simplifying)
Subtracting fractions (common denominators)
Subtracting fractions (simplifying answer,)
Subtracting mixed fractions
Subtraction of single digit from double digit numbers
Subtraction of single digit from single digit numbers
Sum of internal angles of polygons
Surface area (composite cubes/cuboids)
Surface area (composite cylinders)
Surface area (composite sphere/cone etc, curved surface)
Surface area (composite sphere/cone etc, total area)
Surface area (cones, curved surface)
Surface area (cones, total area)
Surface area (cubes)
Surface area (cuboids)
Surface area (cylider, curved surface)
Surface area (cylinder, total area)
Surface area (hemispheres etc, curved surface)
Surface area (hemispheres etc, total area)
Surface area (spheres)
Surveys

Maths 8, Sraight Lines, Target 2 (Task 1)
Maths 8, Sraight Lines, Target 4 (Tasks 1 to 3 )
Maths 7, Substitution \& Formulae, Target 1 (Tasks 3 to 9)
Maths 7, Substitution \& Formulae, Target 2
Maths 7, Substitution \& Formulae, Target 3 (Tasks 1 to 5)
Maths 7, Substitution \& Formulae, Target 4
Maths 7, Substitution \& Formulae, Target 5 (Tasks 1 to 10)
Maths 2, Fractions 2, Target 4 (Task 2)
Maths 2, Fractions 2, Target 4 (Task 1)
Maths 2, Fractions 2, Target 4 (Tasks 3 to 6)
Maths 2, Fractions 2, Target 4 (Tasks 7 to 10)
Numeracy 1, Subtraction, Target 2
Numeracy 1, Subtraction, Target 1
Maths 3, Shapes and Solids, Target 2 (Tasks 9 to 13)
Maths 3, Volume and Surface Area, Target 4 (Task 4)
Maths 3, Volume and Surface Area, Target 5 (Tasks 3, 4)
Maths 3, Volume and Surface Area, Target 5 (Task 10)
Maths 3, Volume and Surface Area, Target 5 (Task 11)
Maths 3, Volume and Surface Area, Target 5 (Task 5)
Maths 3, Volume and Surface Area, Target 5 (Task 6)
Maths 3, Volume and Surface Area, Target 4 (Task 1)
Maths 3, Volume and Surface Area, Target 4 (Tasks 2, 3)
Maths 3, Volume and Surface Area, Target 5 (Task 1)
Maths 3, Volume and Surface Area, Target 5 (Task 2)
Maths 3, Volume and Surface Area, Target 5 (Task 8)
Maths 3, Volume and Surface Area, Target 5 (Task 9)
Maths 3, Volume and Surface Area, Target 5 (Task 7)
Maths 6, Data Handling Theory, Target 4 (Task 7)

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| :--- | :--- |
| Tables (interpret information) | Maths 5, Tables \& Diagrams 2, Target 5 |
| Tangent to a circle (perpendicular to radius) | Maths 4, Circle Geometry, Target 5 (Tasks 1, 2) |
| Tangents and segments | Maths 4, Circle Geometry, Target 5 (Tasks 5, 6) |
| Tangents to a circle (from a common point) | Maths 4, Circle Geometry, Target 5 (Tasks 3, 4) |
| Tangents to circles (mixed examples) | Maths 4, Circle Geometry, Target 5 (Tasks 7, 8, 9) |
| Temperature (ordering temperatures, integer values) | Maths 1, Negative Numbers, Target 2 |
| Temperature (ordering thermometers and common <br> temperatures) | Maths 1, Negative Numbers, Target 1 |
| Temperature Increase/Decrease | Maths 1, Negative Numbers, Target 3 |
| Temperature Increase/Decrease | Numeracy 2, Temperature, Target 5 |
| Tennis (Factors and HCF) | Numeracy 2, Fractions 1, Target 5 |
| Tennis (Factors) | Maths 1, Factors \& Primes, Target 1 (Tasks 1 to 4) |
| Tennis (Factors) | Numeracy 1, Number Properties 1, Target 4 |
| Tennis (Primes) | Maths 1, Factors \& Primes, Target 3 (Task 1) |
| Tennis (Primes) | Numeracy 1, Number Properties 1, Target 5 (Task 1) |
| Tennis game (expanding brackets) | Maths 7, Expanding Brackets, Target 3 (Task 10) |
| Tennis game (like terms) | Maths 7, Like Terms, Target 1 (Task 2) |
| Tennis game (simplify like terms, addition/subtraction) | Maths 7, Like Terms, Target 3 (Tasks 8, 9) |
| Tennis game (simplify like terms, multiplication/division) | Maths 7, Like Terms, Target 4 (Task 1) |
| Tennis game (types of angle) | Maths 3, Angles, Target 1 (Task 5) |
| The Data Handling Cycle | Maths 6, Data Handling Theory, Target 2 |
| Thermometers (Positive \& Negative) | Numeracy 2, Temperature, Target 1 (Tasks 2, 3) |
| Thermometers (Positive \& Negative) | Numeracy 2, Temperature, Target 3 (Tasks 5, 6) |
| Thermometers (Positive Only) | Numeracy 2, Temperature, Target 1 (Task 1) |
| Thermometers (Positive Only) | Numeracy 2, Temperature, Target 3 (Tasks 1 to 4) |
| Time intervals | Maths 4, Speed, Distance \& Time, Target 1 (Tasks 1, 2, 3) |
|  | Pa |


| Topic | Location |
| :---: | :---: |
| Time phrases (matching) | Numeracy 2, Time, Target 1 (Tasks 3, 4) |
| Times tables (up to 10) | Numeracy 1, Multiplication, Target 1 |
| Times tables (up to 10) | Numeracy 1, Multiplication, Target 2 |
| Timetables (12 hr clock; reading \& calculating time intervals) | Maths 5, Tables \& Diagrams 1, Target 5 (Tasks 1 to 5) |
| Timetables (12 hr clock; reading \& calculating time intervals) | Maths 5, Tables \& Diagrams 2, Target 2 (Tasks 1 to 9) |
| Timetables (12hr clock; completing) | Maths 5, Tables \& Diagrams 1, Target 5 (Tasks 6 to 11) |
| Timetables (12hr clock; completing) | Maths 5, Tables \& Diagrams 2, Target 2 (Task 10) |
| Timetables (24hr clock; completing) | Maths 5, Tables \& Diagrams 2, Target 1 (Tasks 8 to 10) |
| Timetables (24hr clock; completing) | Maths 5, Tables \& Diagrams 2, Target 3 (Task 10) |
| Timetables (24hr clock; reading \& calculating time intervals) | Maths 5, Tables \& Diagrams 2, Target 1 (Tasks 1 to 7) |
| Timetables (24hr clock; reading \& calculating time intervals) | Maths 5, Tables \& Diagrams 2, Target 3 (Tasks 1 to 9) |
| Timetables (fill the blanks) | Numeracy 4, Tables of Information 1, Target 5 (Tasks 6 to 11) |
| Timetables (fill the blanks) | Numeracy 4, Tables of Information 2, Target 1 (Tasks 8 to 13) |
| Timetables (fill the blanks) | Numeracy 4, Tables of Information 2, Target 2 (Tasks 10, 11, 12) |
| Timetables (fill the blanks) | Numeracy 4, Tables of Information 2, Target 3 (Tasks 10, 11, 12) |
| Timetables (interpreting train timetables) | Numeracy 4, Tables of Information 2, Target 2 (Tasks 1 to 6) |
| Timetables (interpreting train timetables) | Numeracy 4, Tables of Information 2, Target 3 (Tasks 1 to 9) |
| Timetables (interpreting) | Numeracy 4, Tables of Information 2, Target 1 (Tasks 6 to 11) |
| Timetables (reading and calculating time intervals) | Numeracy 4, Tables of Information 1, Target 5 (Tasks 1 to 5) |
| Timetables (reading and calculating time intervals) | Numeracy 4, Tables of Information 2, Target 1 (Tasks 1, 2, 3) |
| Timetables (train journey times) | Numeracy 4, Tables of Information 2, Target 2 (Tasks 7, 8, 9) |
| Tomato Splat (Negative Numbers) | Numeracy 2, Temperature, Target 2 |
| Top-Heavy and Mixed fractions | Numeracy 2, Fractions 2, Target 2 |
| Top-heavy to mixed fractions | Maths 2, Fractions 1, Target 4 (Tasks 1, 2, 3) |
| Total of probabilities (mutually exclusive events) | Maths 5, Probability Lab, Target 5 (Tasks 5 to 7) |
| Tower of Hanoi | Maths 8, Problems \& Puzzles, Target 2 (Tasks 4 to 8) |
| Translations (carry out given transformation) | Maths 4, Transformations 1, Target 3 (Tasks 1 to 6) |
| Translations (decribe given transformation) | Maths 4, Transformations 1, Target 3 (Tasks 7, 8, 9) |
| Translations (identifying correct translations) | Numeracy 3, Transformations, Target 2 (Tasks 1, 2, 3) |
| Translations (translating shapes) | Numeracy 3, Transformations, Target 2 (Tasks 4, 5, 6) |
| Translations on $\mathrm{x} / \mathrm{y}$ axes (vector form, complete translation) | Maths 4, Transformations 2, Target 2 (Tasks 1 to 6) |
| Translations on $\mathrm{x} / \mathrm{y}$ axes (vector form, describe translation) | Maths 4, Transformations 2, Target 2 (Tasks 7, 8, 9) |
| Tree diagrams (adding final probabilities) | Maths 6, Probability 2, Target 3 |
| Tree diagrams (adding final probabilities) | Maths 6, Probability 2, Target 4 |
| Tree diagrams (probabilities of combined dependent events) | Maths 6, Probability 2, Target 2 (Tasks 7 to 12) |
| Tree diagrams (prob of combined independent events) | Maths 6, Probability 2, Target 2 (Tasks 1 to 6) |
| Trends (line graphs) | Maths 5, Line Graphs \& Scatter Graphs, Target 3 (Tasks 1 to 6) |
| Types of angles | Maths 3, Angles, Target 1 (Tasks 3, 4) |
| Types of Data | Maths 6, Data Handling Theory, Target 1 |
|  | U |
| Units (length vs area vs volume etc) | Numeracy 3, Units of Measurement, Target 2 (Task 1) |
| Units and their symbols | Numeracy 3, Units of Measurement, Target 1 (Tasks 1, 2, 3) |
| Units of measure (by category) | Maths 3, Measurement 2, Target 1 |
|  | V |
| Venn diagrams (completing) | Maths 5, Tables \& Diagrams 1, Target 4 |
| Venn diagrams (factors of numbers) | Maths 7, Factorising, Target 1 (Tasks 4 to 8) |
| Venn diagrams (Highest common factor) | Maths 1, Factors \& Primes, Target 2 (Tasks 4 to 8) |
| Venn diagrams (multiples) | Maths 1, Multiples, Target 4 |
| Venn diagrams (placing data) | Numeracy 4, Tables of Information 1, Target 4 |
| Venn diagrams (reading information) | Numeracy 4, Tables of Information 1, Target 3 |
| Venn diagrams (reading information) | Maths 5, Tables \& Diagrams 1, Target 3 |
| Venn Diagrams (square numbers vs cubic numbers) | Maths 1, Powers and Order of Operations, Target 2 (Task 6) |
| Vertices, edges and faces of 3D shapes | Maths 3, Shapes and Solids, Target 3 (Tasks 6 to 15) |
| Vertices, edges and faces of 3D shapes | Maths 3, Shapes and Solids, Target 4 |


| Topic | Location |
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| Volume (composite cuboids) | Maths 3, Volume and Surface Area, Target 1 (Tasks 4, 5) |
| Volume (composite cuboids, answer in litres) | Maths 3, Capacity and Volume, Target 4 (Task 10) |
| Volume (composite solids, cone/sphere/cylinder etc) | Maths 3, Volume and Surface Area, Target 3 (Task 8) |
| Volume (counting cubes) | Maths 3, Capacity and Volume, Targets 3 \& 4 |
| Volume (counting cubes) | Numeracy 3, Capacity and Volume, Target 3 |
| Volume (cuboids) | Maths 3, Volume and Surface Area, Target 1 (Tasks 1, 2, 3) |
| Volume (cuboids, answer in ml/litres) | Maths 3, Capacity and Volume, Target 5 (Tasks 1 to 9) |
| Volume of a cone | Maths 3, Volume and Surface Area, Target 3 (Task 6) |
| Volume of a cylinder | Maths 3, Volume and Surface Area, Target 3 (Tasks 1, 2) |
| Volume of a prism (area of face given) | Maths 3, Volume and Surface Area, Target 2 (Task 1) |
| Volume of a prism (area of face not given) | Maths 3, Volume and Surface Area, Target 2 (Tasks 2, 3, 4) |
| Volume of a prism (composite cylinders) | Maths 3, Volume and Surface Area, Target 3 (Task 3) |
| Volume of a pyramid | Maths 3, Volume and Surface Area, Target 3 (Tasks 4, 5) |
| Volume of cubes and cuboids (formula) | Numeracy 3, Capacity and Volume, Target 4 (Tasks 1 to 6) |
| Volume of sphere/hemisphere | Maths 3, Volume and Surface Area, Target 3 (Task 7) |
| Volume problems (in context) | Maths 3, Capacity and Volume, Target 1 (Tasks 10, 11) |
| Volumes of composite shapes | Numeracy 3, Capacity and Volume, Target 4 (Task 7) |
| Volumes of cubes and cuboids (converting to litres) | Numeracy 3, Capacity and Volume, Target 5 |
| Volumes of similar shapes | Maths 4, Similarity, Target 4 |
| Volumes of similar shapes (find length given both volumes) | Maths 4, Similarity, Target 5 (Task 3) |
| Volumes of similar shapes (find volume given SF) | Maths 4, Similarity, Target 5 (Tasks 1, 2) |
|  | W |
| Whole Number place value | Numeracy 1, Place Value, Target 3 (Tasks 1, 2) |
| Whole Numbers in order (2 and 3 digits) | Numeracy 1, Place Value, Target 4 (Tasks 1, 2) |
| Words to numbers (3 and 4 digits) | Numeracy 1, Place Value, Target 1 |
| Wordsearch | Numeracy 1, Language of Number, Target 2 |
| Wordsearch | Numeracy 2, Language of Number, Target 2 |
| Wordsearch | Numeracy 4, Language of Handling Data, Target 2 |
| Wordsearch (2D/3D shapes, volume, area, etc) | Maths 3, Language Tasks \& Quizzes, Target 2 |
| Wordsearch (algebra) | Maths 7, Language Tasks \& Quizzes, Target 2 |
| Wordsearch (algebra) | Maths 8, Language Tasks \& Quizzes, Target 2 |
| Wordsearch (graphs/probability) | Maths 5, Language Tasks \& Quizzes, Target 2 |
| Wordsearch (graphs/probability) | Maths 6, Language Tasks and Quizzes, Target 2 |
| Wordsearch (maths words) | Maths 1, Maths Language, Target 2 |
| Wordsearch (powers, indices, ratio, compound interest etc) | Maths 2, Standard Form, Target 2 |
| Wordsearch (shapes) | Numeracy 3, Language of Shape, Target 2 |
| Wordsearch (trig, geometry, scale, SDT etc) | Maths 4, Language Tasks \& Quizzes, Target 2 |
| Write numbers in digits | Maths 1, Place Value, Target 1 (Tasks 1 to 4) |
| Write numbers in words | Maths 1, Place Value, Target 1 (Tasks 5 to 8) |
| Writing a questionnaire | Maths 6, Data Handling Theory, Target 3 (Tasks 1 to 3) |

