# **Checklist Comparison Table**

Below is an approximate checklist of where each covered topic is needed.

Each topic is also colour coded...

**Green for approx. GCSE grades 1-3** 

Blue for approx. GCSE grades 4&5

Purple for approx. GCSE grades 6-9

Grey topics are being created and will be published shortly.

#### **NUMBER**

| INTEGERS                                         | Key Stage 3 | Functional<br>Skills Level 1 | Functional<br>Skills Level 2 | GCSE<br>Foundation | GCSE Higher |
|--------------------------------------------------|-------------|------------------------------|------------------------------|--------------------|-------------|
| N 1.1 Adding Integers                            | ~           | ~                            | ~                            | <b>~</b>           |             |
| N 1.2 Subtracting Integers                       | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | <b>&gt;</b>        |             |
| N 1.3 Multiplying Integers                       | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  |             |
| N 1.4 Dividing Integers                          | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  |             |
| N 1.5 Order of Operations                        | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  |             |
| N 1.6 Prime Numbers & Prime Factor Decomposition | <b>~</b>    |                              |                              | >                  | <b>&gt;</b> |
| N 1.7 Factors & Highest Common Factor (HCF)      | <b>~</b>    |                              |                              | >                  | <b>&gt;</b> |
| N 1.8 Multiples & Lowest Common Multiple (LCM)   | <b>~</b>    |                              |                              | >                  | <b>~</b>    |
| NEGATIVE NUMBERS                                 |             |                              |                              |                    |             |
| N 2.1 Adding & Subtracting Negative Numbers      | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  |             |
| N 2.2 Multiplying & Dividing Negative Numbers    | <b>~</b>    |                              |                              | >                  |             |
| DECIMALS                                         |             |                              |                              |                    |             |
| N 3.1 Place Value & Ordering Decimals            | ~           | <b>~</b>                     | <b>~</b>                     | <b>&gt;</b>        |             |
| N 3.2 Multiplying & Dividing by 10, 100, 1000    | <b>~</b>    | <b>~</b>                     |                              | >                  |             |
| N 3.3 Adding & Subtracting Decimals              | <b>~</b>    | <b>~</b>                     | <u> </u>                     | >                  |             |
| N 3.4 Multiplying Decimals                       | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  |             |
| N 3.5 Dividing Decimals                          | <b>~</b>    | <b>~</b>                     | ~                            | >                  |             |

| N 3.6 Related Calculations                                 | <b>~</b> | ~        | ~           | <b>~</b> |          |
|------------------------------------------------------------|----------|----------|-------------|----------|----------|
| FRACTIONS                                                  |          |          |             |          |          |
| N 4.1 Equivalent Fractions                                 | ~        | ~        | ~           | ~        |          |
| N 4.2 Mixed Numbers & Improper Fractions                   | ~        | ~        | ~           | ~        |          |
| N 4.3 Ordering Fractions                                   | <b>~</b> | <b>~</b> | <b>&gt;</b> | <b>~</b> | <b>~</b> |
| N 4.4 Adding & Subtracting Fractions                       | <b>*</b> |          | >           | <b>~</b> | <b>~</b> |
| N 4.5 Multiplying Fractions                                | <b>*</b> |          |             | <b>~</b> |          |
| N 4.6 Dividing Fractions                                   | <b>*</b> |          |             | <b>~</b> |          |
| N 4.7 Fractions of an Amount                               | ~        | ~        |             | ~        |          |
| FRACTIONS, DECIMALS & PERCENTAGES                          |          |          |             |          |          |
| N 5.1 Converting between Fractions, Decimals & Percentages | ~        | ~        | ~           | ~        |          |
| N 5.2 Ordering Fractions, Decimals & Percentages           | ~        | ~        | <b>~</b>    | ~        |          |
| N 5.3 Recurring Decimals                                   |          |          |             |          | ~        |
| PERCENTAGES                                                |          |          |             |          |          |
| N 6.1 Expressing One Quantity as a Percentage of Another   | <b>~</b> |          | <b>&gt;</b> | <b>~</b> |          |
| N 6.2 Percentages of an Amount (Non - Calculator)          | ~        | ~        | <b>~</b>    | ~        |          |
| N 6.3 Percentages of an Amount (Calculator)                | ~        | ~        | <b>&gt;</b> | <b>~</b> |          |
| N 6.4 Percentage Increase / Decrease                       | ~        | ~        | <b>~</b>    | ~        |          |
| N 6.5 Percentage Change                                    | ~        |          | <b>&gt;</b> | <b>~</b> | <b>~</b> |
| N 6.6 Reverse Percentages                                  | <b>*</b> |          | >           | <b>~</b> | <b>~</b> |
| N 6.7 Compound Interest                                    |          |          | >           | <b>~</b> | <b>~</b> |
| ROUNDING                                                   |          |          |             |          |          |
| N 7.1 Rounding - Nearest 10, 100, 1000                     | <b>*</b> | <b>~</b> |             | <b>~</b> |          |
| N 7.2 Rounding - Nearest Whole Number & Decimal Places     | <b>*</b> | ~        | <b>&gt;</b> | <b>~</b> |          |
| N 7.3 Rounding - Significant Figures                       | ~        |          |             | <b>~</b> |          |
| N 7.4 Truncating                                           |          |          |             | ~        | <b>~</b> |
| N 7.5 Estimation                                           | ~        | ~        | <b>&gt;</b> | <b>~</b> | <b>~</b> |
| N 7.6 Error Intervals                                      | ~        |          |             | ~        | ~        |
| N 7.7 Calculating with Upper & Lower Bounds                |          |          |             |          | ~        |
| INDICES                                                    |          |          |             |          |          |
| N 8.1 Indices - Squares, Cubes & Powers                    | ~        | ~        |             | ~        |          |
| N 8.2 Laws of Indices                                      | ~        |          |             | ~        | ~        |
| N 8.3 Fractional Indices                                   |          |          |             |          | ~        |
| STANDARD FORM                                              |          |          |             |          |          |
| N 9.1 Standard Form                                        | ~        |          |             | ~        | ~        |
| N 9.2 Calculating with Standard Form                       |          |          |             | ~        | ~        |

| SURDS                                |             |          |             |          |          |
|--------------------------------------|-------------|----------|-------------|----------|----------|
| N 10.1 Surds                         |             |          |             |          | <b>~</b> |
| N 10.2 Rationalising the Denominator |             |          |             |          | <b>~</b> |
| CALCULATIONS                         |             |          |             |          |          |
| N 11.1 Using a Calculator            | <b>&gt;</b> | <b>~</b> | <b>&gt;</b> | <b>~</b> | <b>~</b> |
| N 11.2 Time                          | <b>&gt;</b> | <b>~</b> |             | <b>~</b> |          |
| N 11.3 Money                         | <b>&gt;</b> | <b>~</b> | <b>&gt;</b> | <b>~</b> |          |
| N 11.4 Exchange Rates                | <b>&gt;</b> |          |             | ~        |          |

### **RATIO, PROPORTION & RATES OF CHANGE**

| <u> </u>                                 | <u> </u>    | <u> </u>                     | <u> </u>                     |                    |             |
|------------------------------------------|-------------|------------------------------|------------------------------|--------------------|-------------|
| RATIO                                    | Key Stage 3 | Functional<br>Skills Level 1 | Functional<br>Skills Level 2 | GCSE<br>Foundation | GCSE Higher |
| R 1.1 Introduction to Ratio              | ~           | ~                            | ~                            | ~                  |             |
| R 1.2 Simplifying Ratio                  | ~           | <b>~</b>                     | ~                            | <b>~</b>           |             |
| R 1.3 Sharing in a Ratio                 | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  | <b>~</b>    |
| R 1.4 Ratio Problems                     | ~           | <b>~</b>                     | <b>~</b>                     | <b>&gt;</b>        | <b>~</b>    |
| PROPORTION                               |             |                              |                              |                    |             |
| R 2.1 Introduction to Proportion         | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | >                  |             |
| R 2.2 Direct & Inverse Proportion        | ~           |                              | <b>~</b>                     | <b>&gt;</b>        | <b>~</b>    |
| R 2.3 Direct Proportion (Algebra)        |             |                              |                              |                    | <b>~</b>    |
| R 2.4 Inverse Proportion (Algebra)       |             |                              |                              |                    | <b>~</b>    |
| COMPOUND MEASURES                        |             |                              |                              |                    |             |
| R 3.1 Speed                              | <b>~</b>    |                              | <b>~</b>                     | <b>&gt;</b>        |             |
| R 3.2 Density                            | <b>~</b>    |                              | <b>~</b>                     | >                  | <b>~</b>    |
| R 3.3 Pressure                           |             |                              |                              | <b>&gt;</b>        | <b>~</b>    |
| REAL-LIFE GRAPHS                         |             |                              |                              |                    |             |
| R 4.1 Conversion Graphs                  | <b>~</b>    |                              | <b>~</b>                     | >                  |             |
| R 4.2 Other Real-Life Graphs             | <b>~</b>    |                              |                              | <b>&gt;</b>        | <b>\</b>    |
| R 4.3 Distance-Time Graphs               | ~           |                              |                              | <b>&gt;</b>        |             |
| R 4.4 Speed-Time Graphs (Straight Lines) |             |                              |                              |                    | ~           |
| R 4.5 Speed-Time Graphs (Curves)         |             |                              |                              |                    | <b>~</b>    |
|                                          |             |                              |                              |                    |             |

### **ALGEBRA**

| CO-ORDINATES       | Key Stage 3 | Functional<br>Skills Level 1 | Functional<br>Skills Level 2 | GCSE<br>Foundation | GCSE Higher |
|--------------------|-------------|------------------------------|------------------------------|--------------------|-------------|
| A 1.1 Co-ordinates | ~           |                              | ~                            | ~                  |             |

| A 1.2 Midpoint of a Line                                         | ~           |   |   | <b>~</b>         | ~        |
|------------------------------------------------------------------|-------------|---|---|------------------|----------|
| A 1.3 3D Co-ordinates                                            |             |   |   |                  | ~        |
| LINEAR GRAPHS                                                    |             |   |   |                  |          |
| A 2.1 x = a, y = b Graphs                                        | <b>*</b>    |   |   | <b>~</b>         |          |
| A 2.2 Plotting Linear Graphs (y = mx + c)                        | <b>~</b>    |   |   | <b>~</b>         |          |
| A 2.3 Equations of Linear Graphs (y = mx + c)                    | ~           |   |   | ~                | <b>~</b> |
| A 2.4 Using y = mx + c to Draw Linear Graphs                     | ~           |   |   | ~                | <b>~</b> |
| A 2.5 Using y = mx + c to Solve Problems                         | <b>&gt;</b> |   |   | <b>~</b>         | <b>~</b> |
| A 2.6 Using Gradients and Co-ordinates to find y = mx + c        |             |   |   | <b>~</b>         | <b>~</b> |
| A 2.7 Parallel & Perpendicular Lines                             |             |   |   | PARALLEL<br>ONLY | <b>~</b> |
| ALGEBRA                                                          |             |   |   |                  |          |
| A 3.1 Algebraic Notation                                         | ~           |   | ~ | ~                |          |
| A 3.2 Collecting Like Terms                                      | <b>~</b>    |   |   | ~                | _        |
| A 3.3 Multiplying Terms                                          | <b>&gt;</b> |   |   | <b>~</b>         |          |
| A 3.4 Dividing Terms                                             | >           |   |   | <b>~</b>         |          |
| A 3.5 Expanding Single Brackets                                  | >           |   |   | <b>~</b>         |          |
| A 3.6 Factorising into Single Brackets                           | >           |   |   | <b>~</b>         | <b>~</b> |
| A 3.7 Laws of Indices (Algebra)                                  | <b>&gt;</b> |   |   | <b>~</b>         | <b>~</b> |
| A 3.8 Function Machines                                          | <b>&gt;</b> | ~ | ~ | <b>~</b>         |          |
| A 3.9 Substitution                                               | <b>*</b>    |   | ~ | <b>~</b>         |          |
| A 3.10 Solving Linear Equations                                  | <b>&gt;</b> |   |   | <b>~</b>         |          |
| A 3.11 Solving Linear Equations (with the unknown on both sides) | <b>*</b>    |   |   | <b>~</b>         | <b>~</b> |
| A 3.12 Changing the Subject                                      | <b>*</b>    |   |   | <b>~</b>         | <b>~</b> |
| A 3.13 Changing the Subject (Advanced)                           |             |   |   |                  | <b>~</b> |
| QUADRATICS                                                       |             |   |   |                  |          |
| A 4.1 Expanding Double Brackets                                  | <b>~</b>    |   |   | ~                | <b>~</b> |
| A 4.2 Factorising Quadratics                                     |             |   |   | ~                | <b>~</b> |
| A 4.3 Factorising Quadratics (Advanced)                          |             |   |   |                  | <b>~</b> |
| A 4.4 Completing the Square                                      |             |   |   |                  | <b>~</b> |
| A 4.5 Plotting Quadratic Graphs                                  | <b>~</b>    |   |   | <b>~</b>         | <b>~</b> |
| A 4.6 Solving Quadratics - Graphically                           | <b>~</b>    |   |   | <b>~</b>         | <b>~</b> |
| A 4.7 Solving Quadratics - Graphically (Advanced)                |             |   |   |                  | <b>~</b> |
| A 4.8 Solving Quadratics - Factorising                           |             |   |   | ~                | <b>~</b> |
| A 4.9 Solving Quadratics - Factorising (Advanced)                |             |   |   |                  | ~        |
| A 4.10 Solving Quadratics - Quadratic Formula                    |             |   |   |                  | ~        |
| A 4.11 Solving Quadratics - Completing the Square                |             |   |   |                  | <b>~</b> |

| A 4.12 Solving Quadratics - All Methods       |          |          | <b>~</b> |
|-----------------------------------------------|----------|----------|----------|
| A 4.13 Sketching Quadratic Graphs             |          |          | <b>~</b> |
| CUBICS                                        |          |          |          |
| A 5.1 Expanding Triple Brackets               |          |          | <b>~</b> |
| A 5.2 Cubic Graphs                            |          | <b>~</b> | ~        |
| OTHER GRAPHS                                  |          |          |          |
| A 6.1 Reciprocal Graphs                       | ~        | <b>~</b> | <b>~</b> |
| A 6.2 Exponential Graphs                      | ~        |          | <b>~</b> |
| A 6.3 Equations of Tangents to Circles        |          |          | <b>~</b> |
| A 6.4 Trigonometric Graphs                    |          |          | <b>~</b> |
| A 6.5 Transformations of Graphs               |          |          | ~        |
| INEQUALITIES                                  |          |          |          |
| A 7.1 Inequalities on a Number Line           | ~        | <b>~</b> | <b>~</b> |
| A 7.2 Solving Linear Inequalities             |          | <b>~</b> | <b>~</b> |
| A 7.3 Solving Linear Inequalities Graphically |          |          | <b>~</b> |
| A 7.4 Solving Quadratic Inequalities          |          |          | <b>~</b> |
| ITERATION                                     |          |          |          |
| A 8.1 Trial & Improvement                     |          |          | <b>~</b> |
| A 8.2 Iteration                               |          |          | <b>~</b> |
| SIMULTANEOUS EQUATIONS                        |          |          |          |
| A 9.1 Simultaneous Equations - Linear         | <b>~</b> | <b>~</b> | <b>~</b> |
| A 9.2 Simultaneous Equations – Non-Linear     |          |          | <b>~</b> |
| SEQUENCES                                     |          |          |          |
| A 10.1 Linear Sequences                       | <b>~</b> | <b>~</b> | <b>~</b> |
| A 10.2 Quadratic Sequences                    |          |          | <b>~</b> |
| A 10.3 Geometric & Fibonacci Sequences        | <b>*</b> | <b>~</b> | <b>~</b> |
| ALGEBRAIC FRACTIONS                           |          |          |          |
| A 11.1 Algebraic Fractions - Simplify         |          |          | <b>~</b> |
| A 11.2 Algebraic Fractions - Add/Subtract     |          |          | ~        |
| A 11.3 Algebraic Fractions - Multiply/Divide  |          |          | ~        |
| FUNCTIONS                                     |          |          |          |
| A 12.1 Functions                              |          |          | <b>~</b> |
| PROOF                                         |          |          |          |
| A 13.1 Algebraic Proof                        |          |          | ~        |

### **GEOMETRY**

| SHAPES                                                 | Key Stage 3 | Functional<br>Skills Level 1 | Functional<br>Skills Level 2 | GCSE<br>Foundation | GCSE Higher |
|--------------------------------------------------------|-------------|------------------------------|------------------------------|--------------------|-------------|
| G 1.1 2D Shapes - Properties                           | ~           | ~                            | <b>~</b>                     | ~                  |             |
| G 1.2 Symmetry                                         | ~           | ~                            |                              | ~                  |             |
| G 1.3 3D Shapes - Properties                           | <b>~</b>    | ~                            | <b>&gt;</b>                  | <b>~</b>           |             |
| G 1.4 Plans & Elevations                               | ~           | ~                            | <b>&gt;</b>                  | <b>~</b>           |             |
| PERIMETER & AREA                                       |             |                              |                              |                    |             |
| G 2.1 Perimeter                                        | ~           | ~                            | <b>&gt;</b>                  | ~                  |             |
| G 2.2 Area of Rectangles                               | <b>~</b>    | ~                            | <b>~</b>                     | <b>~</b>           |             |
| G 2.3 Area of Parallelograms                           | ~           |                              |                              | ~                  |             |
| G 2.4 Area of Triangles                                | <b>~</b>    |                              | <b>~</b>                     | <b>~</b>           |             |
| G 2.5 Area of Trapezia                                 | ~           |                              |                              | <b>~</b>           |             |
| CIRCLES                                                |             |                              |                              |                    |             |
| G 3.1 Circumference                                    | ~           |                              | <b>~</b>                     | <b>~</b>           |             |
| G 3.2 Arc Length                                       |             |                              |                              | <b>&gt;</b>        | <b>~</b>    |
| G 3.3 Area of Circles                                  | <b>&gt;</b> |                              | <b>~</b>                     | >                  |             |
| G 3.4 Area of Sectors                                  |             |                              |                              | >                  | <b>~</b>    |
| SURFACE AREA & VOLUME                                  |             |                              |                              |                    |             |
| G 4.1 Surface Area - Prisms & Cylinders                | <b>~</b>    |                              | <b>~</b>                     | <b>&gt;</b>        | <b>~</b>    |
| G 4.2 Surface Area – Spheres, Pyramids & Cones         |             |                              |                              | <b>&gt;</b>        | <b>~</b>    |
| G 4.3 Volume - Prisms & Cylinders                      | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | <b>&gt;</b>        |             |
| G 4.4 Volume – Spheres, Pyramids & Cones               |             |                              |                              | <b>&gt;</b>        | <b>~</b>    |
| UNITS                                                  |             |                              |                              |                    |             |
| G 5.1 Reading Scales                                   | <b>~</b>    | <b>~</b>                     |                              | <b>&gt;</b>        |             |
| G 5.2 Converting Metric Units                          | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | <b>&gt;</b>        |             |
| G 5.3 Converting Units - Area/Volume                   | ~           |                              |                              | <b>*</b>           | <b>~</b>    |
| ANGLES                                                 |             |                              |                              |                    |             |
| G 6.1 Angles - Types, Measure & Draw                   | ~           | ~                            | <b>~</b>                     | <b>*</b>           |             |
| G 6.2 Calculating Angles - Straight Lines & Full Turns | <b>~</b>    |                              |                              | <b>&gt;</b>        |             |
| G 6.3 Calculating Angles - Parallel Lines              | <b>~</b>    |                              |                              | <b>&gt;</b>        |             |
| G 6.4 Calculating Angles - Triangles                   | ~           |                              | <b>*</b>                     | >                  |             |
| G 6.5 Calculating Angles - Polygons                    | ~           |                              | <b>~</b>                     | <b>*</b>           |             |
| G 6.6 Bearings                                         | ~           | ~                            |                              | >                  | <b>~</b>    |
| CONSTRUCTIONS                                          |             |                              |                              |                    |             |
| G 7.1 Perpendicular Bisector & Angle Bisector          | ~           |                              |                              | ~                  | <b>~</b>    |

| G 7.2 Loci                                 | <b>✓</b> | · | / /        |
|--------------------------------------------|----------|---|------------|
| G 7.3 Constructing Triangles               | <b>*</b> | • |            |
| CONGRUENCE & SIMILARITY                    |          |   |            |
| G 8.1 Congruence                           | <b>✓</b> | • | / /        |
| G 8.2 Similarity                           | <b>✓</b> | • | / /        |
| TRANSFORMATIONS                            |          |   |            |
| G 9.1 Reflection                           | <b>✓</b> | • |            |
| G 9.2 Rotation                             | <b>✓</b> | • |            |
| G 9.3 Translation                          | <b>✓</b> | • |            |
| G 9.4 Enlargement                          | <b>✓</b> | • | / /        |
| G 9.5 Enlargement (Negative Scale Factors) |          |   | <b>~</b>   |
| PYTHAGORAS & TRIGONOMETRY                  |          |   |            |
| G 10.1 Pythagoras' Theorem                 | <b>✓</b> | • | / /        |
| G 10.2 Trigonometry – Introduction         | <b>✓</b> | • | <b>/ /</b> |
| G 10.3 Trigonometry – Further              | <b>✓</b> | • | / /        |
| G 10.4 Trigonometry - Exact Values         |          | • | <b>/ /</b> |
| G 10.5 Sine Rule                           |          |   | <b>~</b>   |
| G 10.6 Cosine Rule                         |          |   | <b>~</b>   |
| G 10.7 Area of a Triangle                  |          |   | <b>~</b>   |
| VECTORS                                    |          |   |            |
| G 11.1 Vectors                             |          | • | <b>/ /</b> |
| CIRCLE THEOREMS                            |          |   |            |
| G 12.1 Circle Theorems                     |          |   | <b>*</b>   |
| G 12.2 Further Circle Theorems             |          |   | <b>~</b>   |

## **STATISTICS**

| DATA COLLECTION                                | Key Stage 3 | Functional<br>Skills Level 1 | Functional<br>Skills Level 2 | GCSE<br>Foundation | GCSE Higher |
|------------------------------------------------|-------------|------------------------------|------------------------------|--------------------|-------------|
| S 1.1 The Data Handling Cycle & Questionnaires |             |                              |                              | <b>~</b>           |             |
| S 1.2 Sampling & Capture, Recapture            |             |                              |                              | <b>~</b>           | <b>~</b>    |
| S 1.3 Types of Data                            | <b>~</b>    |                              |                              | <b>~</b>           |             |
| S 1.4 Tally Charts                             | <b>~</b>    | <b>~</b>                     |                              | <b>~</b>           |             |
| S 1.5 Two - Way Tables                         | <b>~</b>    | <b>~</b>                     | ~                            | <b>~</b>           |             |
| AVERAGES                                       |             |                              |                              |                    |             |
| S 2.1 Mean, Median, Mode, Range                | <b>~</b>    | <b>~</b>                     | <b>~</b>                     | <b>~</b>           |             |
| S 2.2 Averages from a Table                    | ~           |                              | <b>~</b>                     | ~                  | <b>~</b>    |

| CHARTS & GRAPHS                     |          |          |          |          |          |
|-------------------------------------|----------|----------|----------|----------|----------|
| S 3.1 Pictograms & Bar Charts       | <b>~</b> | <b>~</b> |          | <b>~</b> |          |
| S 3.2 Pie Charts                    | <b>~</b> | <b>~</b> |          | <b>~</b> |          |
| S 3.3 Stem & Leaf Diagrams          | <b>~</b> |          |          | <b>~</b> |          |
| S 3.4 Frequency Polygons            | <b>~</b> |          |          | <b>~</b> |          |
| S 3.5 Time Series                   | <b>~</b> |          |          | <b>~</b> |          |
| S 3.6 Scatter Graphs                | <b>~</b> |          | <b>~</b> | <b>~</b> | <b>~</b> |
| S 3.7 Cumulative Frequency Diagrams |          |          |          |          | <b>~</b> |
| S 3.8 Box Plots                     |          |          |          |          | <b>~</b> |
| S 3.9 Histograms                    |          |          |          |          | <b>~</b> |

#### **PROBABILITY**

| PROBABILITY                           | Key Stage 3 | Functional<br>Skills Level 1 | Functional<br>Skills Level 2 | GCSE<br>Foundation | GCSE Higher |
|---------------------------------------|-------------|------------------------------|------------------------------|--------------------|-------------|
| P 1.1 Basic Probability               | ~           | ~                            | <b>~</b>                     | ~                  |             |
| P 1.2 Relative Frequency              | ~           |                              |                              | <b>~</b>           | ~           |
| COMBINED PROBABILITY                  |             |                              |                              |                    |             |
| P 2.1 Listing Outcomes & Sample Space | ~           |                              | <b>~</b>                     | ~                  | ~           |
| P 2.2 Product Rule for Counting       |             |                              |                              |                    | <b>~</b>    |
| P 2.3 Frequency Trees                 |             |                              |                              | <b>~</b>           | <b>~</b>    |
| P 2.4 Tree Diagrams                   |             |                              |                              | ~                  | ~           |
| P 2.5 Venn Diagrams                   | ~           |                              |                              | ~                  | ~           |