

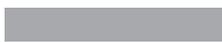


|                        | TERM                                  | KPI  | PRIOR KNOWLEDGE                             |  |
|------------------------|---------------------------------------|--|---|--|
| 7                      | 1                                     | 7.01 Place Value and Number Sense                      | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.02 Addition and Subtraction                          | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.03 Perimeter   | KS2 Y6 PoS, 7.02                            |  |
|                        |                                       | 7.04 Rounding and Estimation (in Real Life Situations) | Whole Numbers: KS2 Y6 PoS                   |  |
|                        | 2                                     | 7.05 Multiplication and Division                       | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.06 Factors and Multiples                             | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.07 Area of Rectangles, Triangles and Parallelograms  | KS2 Y6 PoS (not Compound Shapes, 7.05)      |  |
|                        | Mid-Year Assessment                   |  |   |  |
|                        | 3                                     | 7.08 Fractions as Part of a Whole                      | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.09 Fractions - Addition and Subtraction              | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.10 Fractions - Compare and Order                     | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.11 Fraction of an Amount                             | 7.05  |  |
|                        | 4                                     | 7.12 Order of Operations                               | BIDMAS with 4 Operations: KS2 Y6 PoS        |  |
|                        |                                       | 7.13 Basic Rules of Algebra                            | KS2 Y6 PoS, 7.03, 7.09                      |  |
|                        |                                       | 7.14 Expand and Factorise                              | KS2 Y6 PoS (Neg. Numbers), 7.02, 7.05, 7.13 |  |
|                        |                                       | 7.15 Substitution                                      | KS2 Y6 PoS (Neg. Numbers), 7.05, 7.13       |  |
|                        | 5                                     | 7.16 Angles  | KS2 Y6 PoS, 7.02                            |  |
|                        |                                       | 7.17 Polygons  | KS2 Y6 PoS                                  |  |
|                        |                                       | 7.18 Symmetry and Reflection                           | KS2 Y5 PoS                                  |  |
| 7.19 Coordinates       |                                       | KS2 Y6 PoS   |   |  |
| End of Year Assessment |                                       |  |   |  |
| 6                      | 7.20 Mean                             | KS2 Y6 PoS, 7.02, 7.05                                 |   |  |
|                        | 7.21 Two Way Tables and Venn Diagrams | 7.02   |   |  |
| 8                      | 1                                     | 8.01 Indices   | 7.01  |  |
|                        |                                       | 8.02 Primes  | 7.06  |  |
|                        |                                       | 8.03 Rounding  | 7.04  |  |
|                        |                                       | 8.04 Fractions   | 7.08, 7.09                                  |  |
|                        |                                       | 8.05 Negative Number Review                            | 7.14  |  |
|                        | 2                                     | 8.06 Linear Equations                                  | 7.13  |  |
|                        |                                       | 8.07 Linear Equations in Context                       | 7.03, 7.07, 7.13, 8.06                      |  |
|                        |                                       | 8.08 Coordinates and Basic Graphs                      | 7.19  |  |
|                        | Mid-Year Assessment                   |  |   |  |
|                        | 3                                     | 8.09 Units of Measurement                              | 7.05  |  |
|                        |                                       | 8.10 Angles in Parallel Lines                          | 7.16  |  |
|                        |                                       | 8.11 Interior and Exterior Angles                      | 7.05, 7.16, 7.17                            |  |
|                        | 4                                     | 8.12 Circumference                                     | 7.03, 8.09                                  |  |
|                        |                                       | 8.13 Proportional Reasoning                            | 7.05  |  |
|                        |                                       | 8.14 Fractions, Decimals and Percentages               | 7.08, 7.10, 8.04                            |  |
|                        | 5                                     | 8.15 Ratio   | KS2 Y6 PoS, 7.05, 8.13                      |  |
|                        |                                       | 8.16 Area of Circles and Trapezia                      | 7.07, 8.09                                  |  |
|                        |                                       | 8.17 Presenting and Interpreting Data                  | 7.16  |  |
|                        | 6                                     | 8.18 Averages  | 7.20  |  |
| End of Year Assessment |                                       |  |   |  |
| 6                      | 8.19 3-D Visualisation                | KS2 Y6 PoS   |   |  |
|                        | 8.20 Volume                           | KS2 Y6 PoS, 7.05                                       |   |  |
| 9                      | 1                                     | 9.01 Place Value and Number Properties                 | 7.10, 8.05                                  |  |
|                        |                                       | 9.02 Decimals  | 7.02, 7.05, 7.12                            |  |
|                        |                                       | 9.03 Rounding and Estimation                           | 8.03  |  |
|                        |                                       | 9.04 Indices, Powers and Roots                         | 8.01, 8.05                                  |  |
|                        |                                       | 9.05 Factors, Multiples and Primes                     | 8.02  |  |
|                        |                                       | 9.06 Ratio   | 8.15  |  |
|                        | 2                                     | 9.07 Fractions, Decimals and Percentages               | 7.10, 8.04, 9.01                            |  |
|                        |                                       | 9.08 Fractions   | 8.04  |  |
|                        |                                       | 9.09 Percentages                                       | 8.14  |  |
|                        |                                       | 9.10 Proportion  | 7.15, 8.06, 8.09, 8.13                      |  |
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|                        | 3                                     | 9.11 Notation  | 7.13  |  |
|                        |                                       | 9.12 Simplifying and Index Laws                        | 8.06, 9.04, 9.08                            |  |
|                        |                                       | 9.13 Expanding and Factorising                         | 8.06  |  |
|                        |                                       | 9.14 Expressions and Substitution                      | 7.15, 8.01                                  |  |
|                        | 4                                     | 9.15 Linear Equations                                  | 7.15, 8.06, 8.07, 9.08                      |  |
|                        |                                       | 9.16 Linear Inequalities                               | 9.01, 9.15                                  |  |
|                        |                                       | 9.17 Perimeter and Area                                | 7.03, 7.07, 7.16, 8.09, 8.10, 8.12, 9.15    |  |
|                        |                                       | 9.18 Pythagoras  | 7.19, 8.01, 8.03, 9.14                      |  |
|                        | 5                                     | 9.19 Properties of Shapes                              | 7.17, 7.18, 7.19                            |  |
|                        |                                       | 9.20 Angle Facts                                       | 7.16, 8.10, 8.11                            |  |
|                        |                                       | 9.21 Parallel Lines                                    | 8.10  |  |
|                        |                                       | 9.22 Circles   | 8.12, 8.16                                  |  |
| 9.23 Volume            |                                       | 8.20, 8.21   |   |  |
| End of Year Assessment |                                       |  |   |  |
| 6                      | 9.24 Surface Area                     | 8.20   |   |  |
|                        | 9.25 Sequences                        | 9.14   |   |  |
|                        | 9.26 Basic Vectors                    | 7.02, 8.05   |   |  |
|                        | 9.27 Plans and Elevations             | 8.20   |   |  |



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 Mid-Year Assessment

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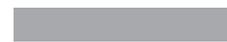
# MATHEMATICS

## Year 9

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Mid-Year Assessment



End of Year Assessment

