

| Found | Unit | Sub-unit | Suggested website |
|---------|--|--|---|
| Unit 1 | Number, powers, decimals, HCF and LCM, roots and rounding | 1a. Integers and place value | https://mathsgenie.co.uk/squares-cubes-and- |
| | | 1b. Decimals | https://mathsgenie.co.uk/factors-multiples-and-primes.html |
| | | 1c. Indices, powers and roots | https://mathsgenie.co.uk/HCFLCM.html |
| | | 1d. Factors, multiples and primes | |
| Unit 2 | Expressions, substituting into simple formulae, expanding and factorising | 2a. Algebra: the basics | https://mathsgenie.co.uk/substitution.html |
| | | 2b. Expressions and substitution into formulae | https://mathsgenie.co.uk/solving-equations.html |
| | | | https://mathsgenie.co.uk/solving-equations2.html |
| Unit 3 | Drawing and interpreting graphs, tables and charts | 3a. Tables, charts and graphs | https://www.bing.com/videos/search?q=drawin+g+a+pie+charts+mr+barton&view=detail&mid=3BA728C0BA1815242A323BA728C0BA1815242A32&FORM=VRD GAR |
| | | 3b. Pie charts | https://mathsgenie.co.uk/scatter-graphs.html |
| | | 3c. Scatter graphs | |
| Unit 4 | Fractions and percentages | 4a. Fractions, decimals and percentages | https://mathsgenie.co.uk/reverse-percentages.html |
| | | 4b. Percentages | https://mathsgenie.co.uk/percentages.html |
| | | | https://mathsgenie.co.uk/percentage-change.html |
| Unit 5 | Equations, inequalities and sequences | 5a. Equations and inequalities | https://mathsgenie.co.uk/forming-and-solving-equations.html |
| | | 5b. Sequences | https://mathsgenie.co.uk/sequences.html |
| Unit 6 | Angles, polygons and parallel lines | 6a. Properties of shapes, parallel lines and angle facts | https://mathsgenie.co.uk/angles-polygons.html |
| | | 6b. Interior and exterior angles of polygons | https://mathsgenie.co.uk/angles-parallel.html |
| Unit 7 | Statistics, sampling and the averages | | https://mathsgenie.co.uk/mean-tables.html |
| Unit 8 | Perimeter, area and volume | | https://mathsgenie.co.uk/surfacearea.html |
| Unit 9 | Real-life and algebraic linear graphs | 9a. Real-life graphs | https://mathsgenie.co.uk/lineargraphs.html |
| | | 9b. Straight-line graphs | https://mathsgenie.co.uk/equation-of-a-line.html |
| Unit 10 | Transformations | | https://mathsgenie.co.uk/transformations.html |
| Unit 11 | Ratio and Proportion | 11a. Ratio | https://mathsgenie.co.uk/ratio.html |
| | | 11b. Proportion | https://mathsgenie.co.uk/recipe-questions.html |
| Unit 12 | Right-angled triangles: Pythagoras and trigonometry | | |
| Unit 13 | Probability | | |
| Unit 14 | Multiplicative reasoning: more percentages, rates of change, compound measures | | |
| Unit 15 | Constructions: triangles, nets, plan and elevation, loci, scale drawings and bearings | 15a. Plans and elevations | |
| | | 15b. Constructions, loci and bearings | |
| Unit 16 | Algebra: quadratic equations and graphs | 16a. Quadratic equations: expanding and factorising | |
| | | 16b. Quadratic equations: graphs | |
| Unit 17 | Perimeter, area and volume 2: circles, cylinders, cones and spheres | | |
| Unit 18 | More fractions, reciprocals, standard form, zero and negative indices | 18a. Fractions and reciprocals | |
| | | 18b. Indices and standard form | |
| Unit 19 | Congruence, similarity and vectors | 19a. Similarity and congruence in 2D | |
| | | 19b. Vectors | |
| Unit 20 | Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations | | |