

Useful Links MOSTLY provided by BBC BITESIZE

Each module has number of links most of which offer free revision with a related mini test which it marks online. Please note these links will assist but are **not a substitute for the recommended study materials** and while the tests may cover the same material they are **not typical equivalency exam questions**.

The following are cross referenced with the page numbers in the white mathematics workbook ISBN: 184146029X
NB. THE EXAM IS A NON CALCULATOR EXAM AND THEREFORE IGNORE PAGES 10 AND 11

Session 1 covers

Section One - Numbers Mostly

- Sequences (Pages 1 and 2 ONLY)
<http://www.bbc.co.uk/education/guides/zqxbkqt/revision>
- Multiples Factor and Prime Factors
<http://www.bbc.co.uk/education/guides/z87ycdm/revision>
<http://www.bbc.co.uk/education/guides/zd2v4wx/revision>
<http://www.bbc.co.uk/education/guides/zd2v4wx/test>
- LCM and HCF
<http://www.bbc.co.uk/education/guides/zp6p34j/revision/1>
- Prime Numbers
http://www.bbc.co.uk/schools/gcsebitesize/maths/videos/primenumbers_video1.shtml
- Fractions, Decimals and Percentages
<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/fracsdecpersrev1.shtml>
Activity
<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/fracsdecpersact.shtml>
- Rounding Off
<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/roundestimaterev1.shtml>
- Accuracy and Estimating
<http://www.bbc.co.uk/education/guides/ztf82hv/revision/1>
- Conversion Factors
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/measuresrev1.shtml>
<http://www.bbc.co.uk/skillswise/game/ma25time-game-hours-vs-minutes>
- Metric and Imperial Units
<http://www.bbc.co.uk/skillswise/topic/imperial-and-metric/resources/e3>
- Percentages
<http://www.bbc.co.uk/education/guides/z2hcwmn/revision>
- Number Patterns
<http://www.bbc.co.uk/education/clips/z27xn39>
- Finding the nth Term
<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/sequencesrev1.shtml>
- Revision Summary for Section One

Section Two– Shapes

- Regular Polygons
<http://www.bbc.co.uk/education/guides/zgktyrd/revision>
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/polygonsrev1.shtml>
- Symmetry
<http://www.bbc.co.uk/education/guides/zsr3d2p/revision/1>
- The Shapes You Need to Know
- Areas

- Circle Questions
<http://www.mathsrevision.net/gcse-maths-revision/shape-and-space/circle-theorems>
- Perimeters And Areas
<http://www.bbc.co.uk/education/topics/zpdqxn>
<http://www.bbc.co.uk/education/guides/z2trd2p/revision/1>
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/areaandperimeterrev1.shtml>
- Volume and Capacity
<http://www.bbc.co.uk/education/clips/zv3xpv4>
- Solids and Nets
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/3dshapesrev1.shtml>
- Length, Area And Volume
<http://www.bbc.co.uk/bitesize/ks3/maths/measures/volume/revision/1/>
- Enlargements – The 4 Key Features
- The Four Transformations
<http://www.bbc.co.uk/education/guides/zkw2pv4/revision/8>
- Combinations of Transformations
- Geometry
<http://www.bbc.co.uk/education/guides/zmhcwmn/revision/2>
- Circle Geometry
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/circles2hirev6.shtml>
- Three-letter Angle Notation
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/anglesrev1.shtml>
- Projections, Congruence and Similarity (**PAGES 1,2 and 3 ONLY**)
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/congruencysimilarityrev1.shtml>
- Revision Summary for Section Two...

Section Three – Bits and Bobs

- Bearings
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/coordinatesandbearingsrev1.shtml>
- Vectors (**PAGE 1 ONLY**)
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/vectorshirev1.shtml>
- Pythagoras' Theorem
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/pythagorastheoremrev1.shtml>
- Trigonometry – SIN, COS, TAN
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/trigonometryrev1.shtml>
<http://www.bbc.co.uk/education/guides/z4wnb9q/revision/1>
- Loci and Constructions
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/locirev1.shtml>
- Ratios (**PAGES 1 to 5 ONLY**)
<http://www.bbc.co.uk/education/guides/z6sk7ty/revision/1>
- Formula Triangles
- Density and Speed
<http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/compoundrev1.shtml>
- Revision Summary for Section Three

Section Four: Statistics

- Probability
<http://www.bbc.co.uk/schools/gcsebitesize/maths/statistics/probability1rev1.shtml>

<http://www.bbc.co.uk/bitesize/quiz/q94619557>

http://www.bbc.co.uk/bitesize/ks3/maths/handling_data/probability/revision/1/

- Tree Diagrams
<http://www.bbc.co.uk/schools/gcsebitesize/maths/statistics/probabilityhirev1.shtml>
- Graphs and Charts
- Stem & Leaf Diagrams and Distribution
http://www.bbc.co.uk/bitesize/standard/maths_i/relationships/data_graphs/revision/1/
- Mean, Median, Mode and Range
<http://www.bbc.co.uk/education/guides/zhydmp3/revision/1>
- Frequency Tables
- Grouped Frequency Tables (**PAGES 4,5 AND 6 ONLY**)
<http://www.bbc.co.uk/education/guides/zn3j6sg/revision/4>
<http://www.bbc.co.uk/bitesize/quiz/q79432685>
- Cumulative Frequency Tables
<http://www.bbc.co.uk/schools/gcsebitesize/maths/statistics/representingdata3hirev4.shtml>
- The Cumulative Frequency Curve
<https://www.youtube.com/watch?v=MNZJYSaHThk>
http://www.bbc.co.uk/bitesize/standard/maths_ii/relationships/cumulative_frequency_diagrams/revision/1/
- Time Series
- Revision Summary for Section Four

Section Five – Graphs

- X, Y and Z Coordinates
<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/graphsrev1.shtml>
<http://www.bbc.co.uk/bitesize/ks3/maths/algebra/coordinates/revision/1/>
- Easy, Graphs You Should Know
- Four Graphs You Should Recognise
- Finding The Gradient of a Line (**PAGE 4 ONLY**)
<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/graphsrev4.shtml>
- Plotting Straight Line Graphs
<http://www.bbc.co.uk/bitesize/ks3/maths/algebra/graphs/revision/1/>
- Straight Line Graphs: “ $y = mx + c$ ” (**PAGE 2 ONLY**)
<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/graphshirev2.shtml>
- Typical Graph Questions
<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/graphsact.shtml>
- Revision Summary for Section Five

Section Six – Algebra Mostly

- Negative Numbers and Letters
<http://www.bbc.co>
http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/sequencesrev1.shtml.uk/bitesize/ks3/maths/number/negative_numbers/revision/1/
- Standard Index Form (**PAGES 1 AND 2**)
<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/powersrootshirev1.shtml>
- Powers (or “Indices”)
<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/powersrootsact.shtml>
http://www.bbc.co.uk/bitesize/standard/maths_ii/algebra/indices/revision/1/
- Square Roots and Cube Roots

<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/powersrootsrev1.shtml>

- Substituting Values into Formulas

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/formulaerev1.shtml>

<https://www.youtube.com/watch?v=t8Z9SUFcAR4>

- Basic Algebra

http://www.bbc.co.uk/schools/gcsebitesize/maths/videos/algebra_video1.shtml

http://www.bbc.co.uk/bitesize/standard/maths_i/relationships/manipulation/revision/1/

- Quadratics

http://www.bbc.co.uk/schools/gcsebitesize/maths/videos/quadratics_video1.shtml

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/factorisingquadact.shtml>

<http://www.bbc.co.uk/bitesize/quiz/q21938302>

- Trial and Improvement

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/trialimprovementrev1.shtml>

- Solving Equations The Easy Way

- Solving Equations

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/equationsrev1.shtml>

<http://www.bbc.co.uk/bitesize/quiz/q15167371>

- Rearranging Formulas

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/symbolsrev1.shtml>

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/formulaehirev1.shtml>

- Compound Growth and Decay

<http://www.bbc.co.uk/schools/gcsebitesize/maths/number/percentageshirev1.shtml>

- Simultaneous Equations

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/simultaneoushirev1.shtml>

- Simultaneous Equations with Graphs

- Solving Equations Using Graphs (**PAGE 2 ONLY**)

<http://www.bbc.co.uk/education/guides/zg96fg8/revision/2>

- Travel Graphs (**PAGES 1 AND 2 ONLY**)

http://www.bbc.co.uk/schools/gcsebitesize/science/add_gateway_pre_2011/forces/speedrev1.shtml

- Inequalities

<http://www.bbc.co.uk/bitesize/quiz/q79926064>

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/inequalitiesact.shtml>

- Graphical Inequalities

<http://www.bbc.co.uk/schools/gcsebitesize/maths/algebra/inequalitiesrev1.shtml>

- Revision Summary for Section Six....

Answers.....

Index.....