

Transition Subject Tasks



Subject: Core Mathematics

Course: AS Level

Exam Board: AQA

Core Mathematics is all about applying mathematics to the real world. You need to have a secure understanding of a variety of data analysis techniques and presentation, as well as strong number skills. Please use the following videos and the practice questions links to consolidate your skills.

Topic	Mathswatch Video	Practice questions
Types of data	https://vle.mathswatch.co.uk/vle/browse/219	https://corbettmaths.com/wp-content/uploads/2013/02/types-of-data-pdf.pdf
Stem and leaf diagrams	https://vle.mathswatch.co.uk/vle/browse/1210	https://corbettmaths.com/wp-content/uploads/2013/02/stem-and-leaf-pdf.pdf
Scatter diagrams	https://vle.mathswatch.co.uk/vle/browse/289	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Statistics-H-Scatter-Graphs-v2.pdf
Averages and the range	https://vle.mathswatch.co.uk/vle/browse/218	See below
Averages from a table	https://vle.mathswatch.co.uk/vle/browse/290 https://vle.mathswatch.co.uk/vle/browse/291	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Statistics-H-Averages-v2.pdf
Sampling populations	https://vle.mathswatch.co.uk/vle/browse/318 https://vle.mathswatch.co.uk/vle/browse/343	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Statistics-H-Sampling-v2.pdf
Cumulative frequency	https://vle.mathswatch.co.uk/vle/browse/354	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Statistics-H-Cumulative-Frequency-v2-1.pdf
Box plots	https://vle.mathswatch.co.uk/vle/browse/355	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Statistics-H-Box-Plots-v2-1.pdf
Histograms	https://vle.mathswatch.co.uk/vle/browse/375	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Statistics-H-Histograms-v2.pdf
Percentages of amounts	https://vle.mathswatch.co.uk/vle/browse/244 https://vle.mathswatch.co.uk/vle/browse/245	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Number-H-Percentages-v3.pdf

Percentage change	https://vle.mathswatch.co.uk/vle/browse/266 https://vle.mathswatch.co.uk/vle/browse/267 https://vle.mathswatch.co.uk/vle/browse/268	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Number-H-Reverse-Percentages-v2.pdf
Exchange rates	https://vle.mathswatch.co.uk/vle/browse/263	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Ratio-H-Currency-Unit-Conversion-v2.pdf
Interest rates	https://vle.mathswatch.co.uk/vle/browse/269 https://vle.mathswatch.co.uk/vle/browse/331	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2016/01/Ratio-H-F-Simple-Compound-Interest-Depreciation-Growth-Decay-v1.pdf
BIDMAS	https://vle.mathswatch.co.uk/vle/browse/233	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2016/01/Number-H-F-Bidmas-Powers-Roots-v1.pdf
Error intervals	https://vle.mathswatch.co.uk/vle/browse/321	See below
Bounds	https://vle.mathswatch.co.uk/vle/browse/293 https://vle.mathswatch.co.uk/vle/browse/376	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Number-H-Rounding-Bounds-and-Error-Intervals-v2.pdf
Standard form	https://vle.mathswatch.co.uk/vle/browse/241	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Number-H-Standard-Form-v2.pdf
Straight line graphs	https://vle.mathswatch.co.uk/vle/browse/254	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/11/Algebra-F-Straight-Line-Graphs-v3.pdf
Equations of lines	https://vle.mathswatch.co.uk/vle/browse/325 https://vle.mathswatch.co.uk/vle/browse/326	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Algebra-H-Equation-of-a-Straight-Line-v3.pdf
Converting units of measure	https://vle.mathswatch.co.uk/vle/browse/270	https://corbettmaths.com/wp-content/uploads/2013/02/metric-units-pdf.pdf https://corbettmaths.com/wp-content/uploads/2013/02/converting-imperial-units-pdf1.pdf
Compound units	https://vle.mathswatch.co.uk/vle/browse/305	https://2fv5d843v9w22sxtto1ibxtu-wpengine.netdna-ssl.com/wp-content/uploads/2015/12/Ratio-H-Compound-Measures-v2.pdf