Year 11 Mock Week Preparation Template

Year Group:	11
Subject:	Maths
Tier (if applicable):	Foundation and Higher

Details of mock exam

Paper to be sat:	**Non-Calculator (H and F)**
Topics to be covered in the mock:	**Foundation non-calculator revision topics** **Number** Multiplying fractions, Negative numbers, Percentage of amounts, Converting fractions and decimals, Ratio, Money problem solving, Decimal arithmetic, Proportion, Squaring negative numbers, Converting fractions to percentages, BIDMAS, Dividing by a ratio, Making fractions from decimals, Ordering standard form numbers **Algebra** Algebraic expressions, Multiplying algebraic expressions, Calculating if a point is on a line, Coordinates on a line, Solving inequalities, Inverse proportion **Shape and measure** Similar shapes, Fraction of an area, Time problems, Scale of distances, Reflections and rotations, Plans and elevations, Perimeter problem solving **Data and probability** Basic averages, Probability of two events, Relative frequency, Range of values **Higher non-calculator revision topics** **Number** Cube roots, estimation using decimal division, simplifying fractions from decimals, adding mixed numbers, inverse proportion, ordering standard form numbers, ratio problem solving, Percentages increase and ratio, fraction problem solving, indices including fractional indices **Algebra** Simplifying algebraic expressions, solving inequalities, finding coordinates on a line segment, algebraic linear equations, solving trigonometric equations, comparing ratios with algebra, solving quadratics in surd form, translating quadratic graphs **Shape, Space and Measure** Column vectors, Perimeter problem solving, converting volume units, sine rule, surface area of cylinders, enlargement by a negative scale factor, exact trig values **Data and Probability** Relative frequency, probabilities and expected outcomes, cumulative frequency and box plots, set notation

Materials to support your revision

Link to Online Resources:	Corbett maths: https://corbettmaths.com/more/practice_papers/ Kerboodle on QEHS website or www.kerboodle.co.uk (students use own login and password) Mymaths.co.uk: login: qehs password: prime
Link to exemplar questions or past papers to use:	1. New AQA GCSE Practice papers, Past papers and mark schemes on QEHS Moodle/Mathematics/AQA GCSE Past Exam Papers (students use own login and password)

Link to model answers or mark schemes:	1. New AQA GCSE Practice papers, Past papers and mark schemes on QEHS Moodle/Mathematics/AQA GCSE Past Exam Papers (students use own login and password)
Recommended revision guides:	1. CGP Revision guide and workbook (£2.50 each); Solutions booklet £1.00 from LRC 2. CGP Exam practice workbook with answers (£2.50 each) from LRC
In house booklets:	
For essay subjects and longer answer questions – suggested question titles for practice:	