

Year 10 Exam Week Preparation Template

Year Group:	10
Subject:	Maths
Tier (if applicable):	Higher and Foundation calculator papers

Details of exam

Paper to be sat:	Higher and Foundation
Topics to be covered:	<p>Year 10: Higher Calculator Paper Revision topics</p> <p>Number and ratio Standard form and cube numbers; Error interval and upper and lower bounds; Ratio; Rules of indices; Direct and inverse proportion: Equations of proportionality; Percentages: percentage change and repeated percentage change; SURDS: simplifying SURDS</p> <p>Algebra Rearrange the subject; Solving inequalities; Solving quadratic inequality; nth term of quadratic sequence; Properties of Quadratic graph and find turning point; Form and solve equations from 2-D shape; Algebraic proof using quadratic formula</p> <p>Shape, space and measure Bearings; Angles in parallel lines; Area of circle</p> <p>Data handling and probability Relative frequency; Calculate amounts from probability of events</p> <p>Year 10: Foundation Calculator Paper Revision topics</p> <p>Number and ratio Comparing fractions; Indices; Comparing fractions, percentages and decimals; Cube numbers; Ratio; Best buys; Calculating percentages;</p> <p>Algebra Basic algebra; Simplify expressions; expand brackets and simplify; Solving equations: number/function machines; Factorising quadratic expression; Solving inequalities; Expanding double brackets</p> <p>Shape, space and measure Temperatures; Area of rectangles and triangles; Area and properties of circle; angles in parallel lines;</p> <p>Data handling and probability Listing combinations; Interpreting mode and mean from dual bar chart; Factors and probability of events; Calculate amounts from probability of events;</p>

Materials to support your revision

Link to Online Resources:	<p>Corbettmaths free website GCSE topics alphabetically listed: https://corbettmaths.com/contents/</p> <p>Mathsgenie free website GCSE topics by grade: http://www.mathsgenie.co.uk/gcse.html</p> <p>Mymaths website: see Maths teachers for QEHS login</p>
---------------------------	--

Link to exemplar questions or past papers to use:	
Link to model answers or mark schemes:	
Recommended revision guides:	CGP revision guides, workbooks and answer booklets available from the school LRC, £6.00 in total.
In house booklets:	
For essay subjects and longer answer questions – suggested question titles for practice:	