

## Year 10 Exam Week Preparation Template

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

### Details of mock exam

|                                   |   |
|-----------------------------------|---|
| Paper to be sat:                  | Higher and Foundation   |
| Topics to be covered in the mock: | <p><b>Year 10: Higher Calculator Paper Revision topics</b></p> <p><b>Number</b><br/>Standard form, arithmetic problems, error intervals, fractions problem solving, ratio problem, recognising proportion, compound percentage change, three way ratio, numerical reasoning, percentage problems, upper and lower bounds,</p> <p><b>Algebra</b><br/>Rearranging formulae, solving and comparing inequalities, algebraic indices, substituting into a formula, algebraic reasoning, exponential graphs, quadratic inequalities, geometric sequences, turning points of quadratic graphs, iteration, proof.</p> <p><b>Geometry</b><br/>Bearings, angles and parallel lines (including algebra)</p> <p>Year 10: Foundation Calculator Paper Revision topics</p> <p><b>Number</b><br/>Negative numbers, comparing fractions, rules of indices, arithmetic problems, ratio problems/best buy, prime number problems, factors, multiples and money, time problems, long division, cube numbers, splitting a line into a ratio, best buy (including fractions), comparing percentages, ratio problems, error intervals,</p> <p><b>Algebra</b><br/>Algebraic expressions, expanding single brackets, function machines, substituting into a formula/expression, factorising double brackets, solving and comparing inequalities,</p> <p><b>Geometry</b><br/>Angles and parallel lines</p> |

### Materials to support your revision

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| Link to Online Resources:  | Corbettmaths free website GCSE topics alphabetically listed:<br><a href="https://corbettmaths.com/contents/">https://corbettmaths.com/contents/</a><br>Mathsgenie free website GCSE topics by grade:<br><a href="http://www.mathsgenie.co.uk/gcse.html">http://www.mathsgenie.co.uk/gcse.html</a><br>Mathswatch – will have their own personal login |
| 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   |
| In house booklets:   | We will provide a revision sheet for students which they will receive in lessons a couple of weeks before the test – this will also direct them to specific revision videos on Mathswatch  |
| For essay subjects and longer answer questions – suggested question titles for practice: |  |