

**Study Skills**  
**Course Milestones for Students**

Please fill in sheets outlining what subjects/topics activities should be covered/completed by when.

This will inform students on what they need to focus on throughout their study skills period.

<b>Course Title: Mathematics</b>	<b>Level: National 5</b>
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<b>Month</b>	<b>Work to be covered/Topics/Activities/Assignments</b>
June/July	<p><i>Sine, Cosine and Area of triangle rules</i></p> <p><i>Vectors</i></p> <p><b><i>Applications Unit Assessment - Outcomes 1 - 2 )</i></b></p> <p><i>Percentages</i></p>
August	<p>Fractions</p> <p>Gradient of straight line</p> <p>Standard Deviation and Scattergraphs</p>
September	<p><b>Applications (<i>Outcomes 3, 4</i>)</b></p> <p><b>Applications Extension Assessment</b></p> <p>Algebra - multiplying out brackets, factorising, completing the square</p> <p>Significant Figures, Volume of cube, cuboid, cylinder, sphere, cone and pyramid</p> <p>Circle - length of arc / area of sector</p> <p>Surds and Indices</p>
October	<p><b>Unit Assessment for Expressions and Formulae (<i>Outcomes 1,2,4</i>)</b></p> <p><b>Extension Assessment for Expression and Formulae (excluding algebraic operations)</b></p>

November	<p>Algebraic Operations (adding, subtracting, multiplying and dividing algebraic fractions)</p> <p>Straight Line</p> <p>Equations and Inequations</p> <p>Simultaneous Equations</p>
December	<p>Pythagoras</p> <p>Properties of Shapes</p> <p>Similarity</p> <p><b>E&amp;F Algebraic Fractions / Relationships (Equations) Assessment (E&amp;F Outcome 3, Relationships Outcomes 1 and 4)</b></p>
January	<p>Quadratic Equations and Graphs</p> <p><i>Prelim - Inclusive of all topics studied. It will not include Trigonometric Equations and Graphs.</i></p>
February	<p><i>It may contain Quadratics dependant on progress through topic.</i></p> <p>Trigonometric Equations and Graphs</p>
March	<p><b>Relationships Unit Assessment - Outcomes 2, 3 and 5</b></p>
April	<p>Exam Revision</p>

Study Skills Course  
Directory of Support Resources

Please fill in details below outlining what support is available for students completing this course. Please include on-line resources, books and details of revision sessions. If appropriate match the resource to the topics in the milestone calendar.

Resources	Topic/Activity/Assignment
Leckie and Leckie National 5 Textbook	All N5 topics
ASP Revision booklet	Preparation for unit assessments
Bitesize maths	All topics
Scholar	Notes and Revision of all topics
Mymaths.co.uk	Revision and homework for each topic
Photocopiable revision booklets and notes	Notes on all topics and revision exercises on all topics. Pupils should have printed version or version on a pen drive.
<a href="http://www.sqa.org.uk/pastpapers/findpastpaper.htm">http://www.sqa.org.uk/pastpapers/findpastpaper.htm</a>	Past Papers for revision
<a href="http://www.sqa.org.uk/sqa/47910.html">http://www.sqa.org.uk/sqa/47910.html</a>	Specimen Paper

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