



Higher Applications of Mathematics



Which topics are covered at Higher?		Are there important dates of which I should I be aware?		
Unit	Topics	November/December - Prelim Statistical Project – Assignment (27% of final grade) April/May – Final exam (73% of final grade)		
Statistics & Probability	Correlation & Regression			
	Probability & Distributions			
	Hypothesis testing			
Finance	Present and Accumulated Value			
	Personal Finance			
	Financial Planning & Analysis			
Mathematical Modelling	Modelling real-life contexts			
	Error and Tolerance			
Planning & Decision Making	PERT & Gantt Charts			
	Expected Value & Risk			
How is the course assessed?				
COMPONENT	DETAILS	LENGTH	MARKS	%
Final exam	Final written exam	2 hours 5 mins	65	73
Assignment	Statistical Project	8 hours (in school)	30	27
What are the exam question command words? Calculate – Determine a number from given facts, figures or information. Determine – Obtain the only possible answer. Show – Provide structured evidence that leads to a given result. State – Give a specific name, value or brief answer without explanation or calculation. Interpret/Comment – Translate statistical values, Excel outputs or R-Studio data within the context of the question.		What resources can I use to support my learning? Teams/OneNote – All class notes and worked examples are in OneNote Achieve – https://achieve.hashtag-learning.co.uk/ - revision guides and past papers with marking instructions for all the units Clelland Maths – Full course notes & worked solutions for all past paper questions Higher Applications of Maths — Notes & Video Lessons Clelland Maths		
Where can I find more information about the exam and assignment? The SQA Understanding Standards provides exemplars and grades awarded. https://www.understandingstandards.org.uk/		How do I ensure top marks? - Set an aspirational target grade – detail exactly what you are going to do to achieve this and keep referring to it. - Attempt all homework (and read the feedback you are given). - Make use of the computers outside of class (booked from 15.30-16.30 Mondays and Wednesdays for additional practice for those without access at home). - Practice exam level questions (practice or past papers). Give yourself enough time to practice. - Use all the available time and supports on your coursework task. Particularly in Applications of Maths, it is not enough to read through class notes. Practice questions – sometimes under timed conditions. Higher Applications relies heavily on some skills learned in N5 Applications. Make sure you are confident with: - Compound interest - Calculating income tax - Precedence tables - All N5 Statistics		
Where do I find the past papers? You can find papers on the SQA website. Past papers and marking instructions - Qualifications Scotland				
Where do I find more information about the course? Higher Applications of Mathematics Course Specification				