

Mathematics Applied

Level 2

Course Requirements:

Applied Mathematics Level 2 builds on the Level 1 Mathematics programme. Students need to have achieved at least 10 Level 1 Mathematics credits to be successful with this course.

Aims:

The aim of this course is to continue development of mathematical understanding, skills and knowledge from Level 1. By studying Mathematics, students develop the ability to think creatively, critically, strategically and logically. They learn to organise, carry out procedures flexibly and accurately, communicate information and estimate with reasonableness. Mathematics has a broad range of applications in everyday life and in the workplace.

Course Content:

The course will cover a broad range of topics from Level 2 NCEA Mathematics. Topics include coordinate geometry, networks, trigonometry, simulations and statistical analysis. Students will also look at developing some financial management skills.

Where can this subject take you?

This course will prepare students to study Mathematics at Level 2 NCEA. It will also support learning in other areas, particularly Technology, Science and Commerce.

Further Assessment Opportunity and Resubmission

(Refer to student Handbook for more information)

A further assessment opportunity occurs after you have submitted work / sat a test for an assessment; you do a new assessment after further learning has taken place. For this course there will be one further assessment opportunity for each standard. A resubmission can be offered to you by the teacher if they believe you can correct errors or omissions in your work in a short period of time; it does not involve a new assessment. A resubmission must take place before the teacher gives any feedback on the work done. There can be only one resubmission.

Appeals (Please refer to student Handbook for more information)

If you are unhappy with any of your results you should discuss this with your teacher. If you are still unhappy then an Appeals form should be completed; this is available from the HoF; forms need to be completed and returned to your HoF within 5 school days of receiving your grade. If you are still not happy you can then see the Principal's Nominee. At NO time, during this process, should you contact NZQA.

Head of Faculty

Mr Paul Fenn p.fenn@jchs.school.nz

Assessment Chart

Number	Title	Credits	US/AS	Internal/ External	Format	Literacy	Numeracy	Indicative date
28094	Produce a balanced household budget and adjust the budget to reflect changing financial circumstances	3	US	Int	Test			Term 1
91268	Investigate a situation involving elements of chance using a simulation	2	AS	Int	Test	L1Lit	Yes	Term 1
91260	Apply network methods in solving problems	2	AS	Int	Test	-	Yes	Term 2
91256	Apply coordinate geometry methods in solving problems	2	AS	Int	Test		Yes	Term 2
91258	Apply sequences and series in solving problems	2	AS	Int	Test		Yes	Term 3
91259	Apply trigonometric relationships in solving problems	3	AS	Int	Test		Yes	Term 3
91269	Apply systems of equations in solving problems	2	AS	int	Test		Yes	Term 4

Entry into externals will be based on:

There are no externals for this course as it is assessed solely by internal Unit and Achievement Standards.