



Level 1 Mathematics : (L1MAT)

NCEA Level: Level 1
 Primary Qualification: NCEA
 Primary Learning Area: Mathematics
 Date: 2020
 Teachers: Mrs Pip Desmond
 Mr Tarei Patuwairua
 Mr Clarrie Yates



Standards on Offer

NCEA Level	Standard Number	Standard Descriptor	Credits	Assessment	Literacy	Numeracy	Vocational Pathways
1	AS91026 03	MATS1.1 - Apply numeric reasoning in solving problems	4	Internal	No	Yes	C&I, M&T, PI, SI, SC, CI
1	AS91029 03	MATS1.4 - Apply linear algebra in solving problems	4	Internal	No	Yes	C&I, M&T, PI, SI, SC, CI
1	AS91030 03	MATS1.5 - Apply measurement in solving problems	3	Internal	No	Yes	C&I, M&T, PI, SI, SC, CI
1	AS91032 03	MATS1.7 - Apply right-angled triangles in solving measurement problems (<i>Sat in Year 10</i>)	3	Internal	No	Yes	C&I, M&T, PI, SI, CI
1	AS91034 03	MATS1.9 - Apply transformation geometry in solving problems. (<i>Sat in Year 10</i>)	2	Internal	No	Yes	C&I, M&T, PI, SI, CI
1	AS91036 03	MATS1.11 - Investigate bivariate numerical data using the statistical enquiry cycle	3	Internal	No	Yes	PI, SI, SC, CI
1	AS91037 04	MATS1.12- Demonstrate understanding of chance and data	4	External	Yes	Yes	PI, SI, SC, CI
Total Available Credits			23				

Note: Courses are subject to change with the review of courses at the end of each year. Course is endorsable.

Course Outline

Term 1 3 February - 9 April 2020 (10 weeks)	Term 2 28 April -3 July 2020 (10 weeks)	Term 3 20 July - 25 September 2020 (10 weeks)	Term 4 12 October - early November 2020 (4 weeks)
AS91026 (6 weeks) AS91036 (5 weeks)	AS91030 (5 weeks) AS91029 (5 weeks)	AS91028 (5 weeks)	Review for externals Further assessment opportunities
KEY DATES: Week 5: Assessment Week 10-11: Assessment	KEY DATES: Week 5: Assessment Week 10: Assessment	KEY DATES: Week 10: Examinations	KEY DATES: NZQA examinations

What will I learn and how will I learn?

Success in this course is largely dependent on regular attendance at school, commitment to the work required in class and homework. The mathematical skills necessary for this course are learnt through practise and more practise. It is not sufficient to do a few problems in class and then to stop. Every night after Mathematics, students need to go over the work that they did in the classroom.

During the year, students receive many pieces of paper. They will all contain important information that they will need to refer to from time to time. Students are strongly advised to buy a clear file and use it to store this information. They should also keep all their assignments, tests, exams etc as they are all very useful for study purposes.

A scientific calculator is **essential**. While the school has sets available for use at school, students need their own for homework and other out of school activities. The school uses a Jastek JasCS1. The department has some calculators available for purchase at very competitive prices. Check with your teacher or Mr Small.

Entry Criteria

Entry into this course is by teacher recommendation. Entry to Level 2 Mathematics courses is dependent on students' Mathematics results from the previous year. Different courses have different criteria.

Conditions of Assessment

Some topics are internally assessed and some are externally assessed (i.e. students sit a Ministry of Education exam at the end of the year). The Level 1 Mathematics course has six internal topics and one external topic.

Resubmission and Further Assessment Opportunities

In some internal topics students will get one (**and only one**) reassessment, so they should not panic if they miss out on the first try, but be aware that they only get one chance at the external topics at the end of the year (November). Their teacher will advise when a reassessment will take place but it is usually after school. Reassessments are optional.

Currently, reassessments are being offered in the following standards **ONLY**:

- MATS 1.1 - Apply numeric reasoning in solving problems
- MATS 1.5 - Apply measurement in solving problems

Students will be assessed on 18 credits, but their previous results (Year 10) will be added and, therefore, 23 credits are available in the following year.