



Rangi Ruru
Girls' School

YEAR 12 PANGARAU MATHEMATICS COURSE INFORMATION 2022

Year 12 Mathematics is a full year course in which you have the opportunity to gain up to 20 Level 2 credits for your NCEA, with two Achievement Standard (7 credits) internally assessed, and the remainder assessed by external examination at the end of the year (three papers, 13 credits).

Assessment

General information about school policies and procedures for assessment are contained in your school handbook. It is important that you are aware of the school policies about assessment. If you are in doubt about anything, please ask your teacher. It is your responsibility to be well informed about the requirements.

The plan below gives a general indication of the timing of assessments, but you will be given at least one week's notice of the exact day and time of a final assessment for the Internal Achievement Standard. Note dates and times carefully in your diary and discuss any problems with timing with your teacher in advance.

Topic Order and Approximate Timing

	Topic	AS	Credits	Time	Assessment
Term 1 10 weeks	2.4 Trig	91259	3	5 weeks	Internal Week 5
	2.6 Algebra	91261	4	5 weeks	External
Term 2 10 weeks	2.2 Graphs	91257	4	6 weeks	Internal Week 6
	2.7 Calculus	91262	5	4 weeks	External
Term 3 9 weeks	2.7 Calculus cont	91262		1 weeks	
	2.6 Algebra	91261		3 weeks	
	Exam for 91261 and 91262			1 week	
	2.12 Probability	91267		4 weeks	
Term 4	Revision	91267		3 weeks	
Final Exam	For 91261, 91262, 91267				Nov

Achieved, Merit and Excellence Requirements:

It is important that you are fully informed of the requirements for gaining each grade level. Read the checklist supplied for each standard carefully. Your teacher will go over this with you.

For the internal Achievement Standards there will be a formative assessment which will be marked and returned to you with feedback. This will enable you to see exactly what the requirements are and do further work if necessary before the final task.

There will be no further assessment opportunity for the internally assessed standards.

School examinations

The school examination in Term 3 is a useful practice for the real examination in November. The grades obtained in the school examinations contribute to subject placing, and are also used for derived grades if you need them. An assessment for Probability in Term 4 will generate a derived grade for that paper.

Checking and Recording your results

Marking will be done carefully and checked, but there is always a possibility of an error. After an assessment, you will have an opportunity to check your results. *During this time you must not mark the test paper in any way, or take it out of the room.* If you disagree with the marking you can ask your teacher to check the marking. If you are not satisfied at this stage, then there is an appeal procedure.

When a result for an internal or a school examination result has been checked you should record it on your own progress record in your handbook, so that at a later date you can check and sign the assessment record kept on the school database. Internal results or derived grades will then be sent to NZQA directly.

LIST OF STANDARDS FOR YEAR 12 MATHEMATICS 2021

Achievement Standard Number	Subject Reference	Version Number	Title	Mode of Assessment	Credits	Literacy or Numeracy
91257	2.2	v2	Apply graphical methods in solving problems	Internal	4	L2 Numeracy
91259	2.4	v2	Apply trigonometric relationships in solving problems	Internal	3	L2 Numeracy
91261	2.6	v2	Apply algebraic methods in solving problems	External	4	L2 Numeracy
91262	2.7	v2	Apply calculus methods in solving problems	External	5	L2 Numeracy
91267	2.12	v2	Apply probability methods in solving problems	External	4	L2 Numeracy