

BROADWOOD AREA SCHOOL

MANGANUIOWAE



Student Handbook with **COURSE OUTLINES** **2016**

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TO ACHIEVE NCEA Level 1

You need to earn the following:

80 L1 (or L2 or L3) Credits

10 L1 Numeracy Credits

10 L1 Literacy Credits

TO ACHIEVE NCEA Level 2

You need 20 L1 (or L3) credits + 60 L2 (or L3) Credits to achieve. We expect all students at BAS to achieve NCEA Level 2

TO ACHIEVE NCEA Level 3

You need 20 L2 Credits + 60 L3 Credits to achieve.

CERTIFICATE ENDORSEMENTS

To earn a Certificate Endorsement, all Credits must be earned in one year.

LEVEL 1

L1 NCEA Merit Endorsement: 50+ Credits at Merit or Excellence

L1 NCEA Excellence Endorsement: 50+ Credits at Excellence

LEVEL 2

L2 NCEA Merit Endorsement: 50+ Credits at Merit or Excellence

L2 NCEA Excellence Endorsement: 50+ Credits at Excellence

LEVEL 3

L3 NCEA Merit Endorsement: 50+ Credits at Merit or Excellence

L3 NCEA Excellence Endorsement: 50+ Credits at Excellence

ACHIEVEMENT STANDARDS AND UNIT STANDARDS

Achievement Standards are designed for continued academic study. Unit Standards are designed for the labour force (industry-based fields).

SUBJECT ENDORSEMENTS

EXAMPLE 1: MERIT ENDORSEMENT, IN LEVEL 1 MATHEMATICS, FOR 2016 11+ Credits, at Merit or Excellence, in Mathematics Achievement Standards, in 2016 3+ Credits, at Merit or Excellence, in an external Mathematics examination, in 2016

EXAMPLE 2: EXCELLENCE ENDORSEMENT, IN LEVEL 1 MATHEMATICS, FOR 2016. 11+ Credits, at Excellence, in Mathematics Achievement Standards, in 2016. 3+ Credits, at Excellence, in an external Mathematics examination, in 2016

There are subject endorsements:

- for many other subjects as well.

- for L2 and L3 as well

Physical Education and L3 Visual Arts subjects have different criteria. Teachers will explain these to students in their classes.

GAINING LITERACY TO ACHIEVE NCEA LEVEL 1

Students must gain 10 Literacy Credits to ACHIEVE NCEA Level 1

The two possible ways to earn a Literacy-Award are:

- Students can earn 10 Literacy Credits in a Literacy class
- Students can earn 10 Literacy Credits as they gain some Achievement Standards
- Students can earn 10 Literacy Credits in a Te Reo Maori Course
- Students can earn 10 Literacy Credits in an approved subject course, i.e Physical Education, Papa Taiao.

GAINING NUMERACY TO ACHIEVE NCEA LEVEL 1

Students must gain 10 Numeracy Credits to ACHIEVE NCEA Level 1

The two possible ways to earn a Numeracy-Award are:

- Students can earn 10 Numeracy Credits in a Numeracy class
- Students can earn 10 Numeracy Credits as they gain some Achievement Standards

To be awarded NCEA Level 1, students must achieve at least 10 Credits showing Literacy and 10 Credits showing Numeracy.

GAINING UNIVERSITY ENTRANCE (UE) LITERACY

Students must earn 5 L2 English Credits in Reading

Students must earn 5 L2 English Credits in Writing

UNIVERSITY ENTRANCE (UE)

Students should have earned:

- 5 Credits in Reading in English (or Maori) at NCEA Level 2
- 5 Credits in Writing in English (or Maori) at NCEA Level 2
- 10 Numeracy (or Pangarau) Credits
- 14 Credits in three UE-approved subjects

One of the three subjects may be a compilation of Credits in a specific domain, e.g. 7 Credits in Biology and 7 Credits in Chemistry.

NCEA FEES

The fees are \$76.70 per student for 2016

If your family has a community card you will receive financial assistance.

If you are late in paying your NCEA fees, you will be charged an extra \$50 penalty

If the 2016 fees are not paid, students will get their results in January 2017

If the 2016 fees are not paid, students' results will be cancelled in January 2018.

Financial Assistance Examples:

You are the only student in your family at BAS sitting NCEA in 2016: the cost will be \$20.

You are one of two tamariki at BAS in 2016: the total cost will be \$30

You are one of three, or more tamariki at BAS in 2016: the cost will still be \$30

ATTENDANCE

Your goal should be to have an attendance rate of 100%

The school has the target of a 90% rate.

An attendance rate, of less than 70%, has caused students to fail in the past.

Students need to inform their pastoral teachers about their absenteeism

Students must attend all pastoral (mentor) periods (at the end of Lunchtime)

NB: If you know you are going to be absent you should inform your mentor/pastoral teacher and bring a note from home. If you are away you must bring a note from home explaining your absence or a doctor's certificate.

LEARNING IN CLASS

- Students have a right to learn at BAS
- If the teacher does not meet your expectations as a student, you need to consult with your pastoral teacher. A solution will be created and an agreement will be reached.
- A student, who is enrolled in a class, MUST gain 14 Credits for that year. If that student plans to gain less than the expected 14 Credits, an agreement with the parents/caregivers needs to be reached in Term 2. A student may choose to do Correspondence learning through Te Kura Pounamu to compensate for any loss of Credits.
- Students need to respect the learning of their peers in class
- BAS is a small school and most of our learning has to be done in a multilevel learning environment. This calls for students to be self-driven and assertive learners.
- Waananga can be arranged for hard-working students. Waananga is not to make up for time that was deliberately wasted.

CLASSWORK AND HOMEWORK

Classwork provides students with the best opportunity to learn, because this is done with a subject expert to help them.

Homework is the consolidation of what was done in class.

Ongoing homework includes:

- formal homework that needs to be done before a due date.
- completing the odds and ends that you could not complete during class time.
- revising concepts that need to be committed to memory.
- reading across all your subjects to widen your understanding about the current work you are doing in a particular subject.

Students who wishes to be more engaged at home, are encouraged to ask their teacher teacher for more resources.

SUBJECT HANDBOOKS

The Subject Handbook, for a particular subject, contains all the information about that subject. Electronic copies of all subject handbooks of BAS are shared with

students on Google Docs. On rare occasions a teacher may print out a subject handbook for a student who wishes to have one.

An electronic Subject Tracking Sheet will be provided with each Subject Handbook. Students are obligated to keep the subject tracking sheet up to date. The purpose of the subject tracking sheet is to inform students, teachers and parents/caregivers about their academic progress.

INTERNAL ASSESSMENTS

Internal assessments are part of a subject teacher's year plan. There are due dates attached to all internal assessments. The following procedures accompany internal assessments:

Prior teaching precedes an internal assessment

Students are given at least one week reminder of an imminent internal assessment

The initial assessment is given.

The teacher needs to mark the assessment as soon as possible

The assessment is returned to the student who may either:

- accept the grade
- ask for a maximum of one resubmission

A date for a further assessment is set

Teaching towards the further assessment is done

The further assessment is written

The teacher needs to assess the assessment as soon as possible

The further assessment is returned to the student for the following:

- to agree with the mark

Student evidence is submitted for verification

Student results are entered in KAMAR

Results are sent away to NZQA on the first of the next month

Students need to check if their results are on NZQA

Students need to inform their academic counsellors about the newly gained Credits

Students need to update the electronic subject-tracking-sheet on the subject handbook

DUE DATE FOR INTERNAL ASSESSMENTS

Due dates are predetermined in the subject handbooks.

Subject courses and teachers' responsibilities are set out for the whole year.

Teachers have to adhere to those due dates.

Students who do not adhere to the due dates will receive a N (Not Achieved)

NB: Students need to communicate with their subject teachers if a problem arises

NB: Students may appeal to the PN with any assessment issue

SPECIAL ASSESSMENT CONDITIONS (SAC)

Special assessment conditions may include the following conditions:

- somebody to read for you
- somebody to write for you
- a computer being supplied for you to type your work

- extra time given for assessments
- a separate venue to work in

Special assessment conditions are granted for both internal and external assessments

Usually students with SAC are already identified in Primary or Middle School.

The PN does the formal application for SAC through NZQA

AUTHENTICITY

- The word authentic comes from the root “autos” which means “on his/her/it own”
- Authenticity refers to the fact that the submitted work must be the student’s own work.
- Copying from any source is not allowed.
- Whatever you write, must be in your own words.
- When teachers can pick up that students have similar responses, they are not allowed to approve the work for all the students involved.
- The moderators have special applications that can pick up plagiarism.

MISSED INTERNAL ASSESSMENTS

If a student knows they will be absent for an internal assessment, he/she needs to inform the subject teacher at least three days before the assessment date. The subject teacher will know what to do.

If a student misses an assessment, he/she needs to consult with the subject teacher. The subject teacher will know what to do.

If there is any misunderstanding between the subject teacher and the student, the student may consult with the PN

Students who find themselves in this position, need to study the full policy in the BAS NCEA Student Handbook on Google Docs.

RETURNING MARKED WORK

- A subject teacher should assess (mark) the student’s work as soon as possible.
- Marked work should only be returned to the student after the verification process.
- A student has a right to scrutinize the way the teacher has assessed (marked) his/her work
- If a student is not satisfied with the result, he/she may ask the teacher to remark the work, or to have a resubmission, or to have a further assessment.
- If there is no agreement between the student and the teacher, the student may consult with the PN.

PRIVACY

Students have a right to privacy. This means that the teacher should not disclose students’ results to any other person.

However, teachers must report all results to the parents/guardian at least twice a year.

MISCONDUCT - BREACHES OF ASSESSMENT RULES

Misconduct could be:

- if a student is guilty or suspected of authenticity issues
- if a student disrupts the assessment conditions of other students

A subject teacher has the right to act upon any suspicion

The student has the right to appeal to the PN for a further assessment.

FURTHER ASSESSMENT OPPORTUNITIES

- A further assessment is a possible second opportunity to achieve a particular standard.
- Further assessment opportunities are granted by the subject teacher, but students may appeal to the PN.
- The Subject Handbook should clearly state when further assessments are offered.

APPEALS

Students may appeal any of the following:

- Accused of being in breach of authenticity rules
- Receiving a N (Not Achieved) for a late submission
- Receiving a N (Not Achieved) for an accused 'wilful' absence
- An incorrect grade given for an assessment
- An incorrect entry on the SMS (KAMAR-site) or NZQA-site

In the first instance, students should discuss any assessment issue as soon as possible with their class teacher, and certainly within one week of having received their marked work back and checking their grade in class.

If the issue is not resolved, a student may appeal the teacher's decision to the Principal's Nominee. The PN will then review the issue/s, under dispute, and resolve the issue.

KEEPING TRACK OF NCEA RESULTS

- All BAS students must be registered on the NZQA site to peruse their results on a regular basis. They are encouraged to register on their own, but their pastoral teacher, academic counsellor or the PN may assist them.
- Students must check all their credit entries on a regular basis
- Students must inform their academic counsellor about all newly earned Credits
- Students must keep the credit-tracking-sheet, in their Subject Handbook, up to date
- Students must report any inconsistency to the PN as soon as possible

PREPARING FOR EXTERNAL EXAMINATIONS

- Students make sure that they have all the requirements for study in Term 3
- Students study throughout the September holidays
- Term 4 is set aside for external examination preparation
- By the end of Term 3 the students should have completed 14 internal Credits
- A maximum of three external examination papers per subject should be attempted

- If unforeseen circumstances prevent a student from writing an examination, an application for a derived grade is submitted..

REPORTS

- Teachers are obligated to send two written reports about a student’s academic progress home.
- Parents can access KAMAR to monitor the results of their tamariki
- Teachers report to parents during Formal Student Achievement Interview Days
- Teachers can report to parents at any time for behaviour or academic reasons

END OF YEAR EXAMINATIONS

- All role-players (student; parent;subject teacher; PN; friends and family) must make absolutely sure about the examination dates.
- Students need to make big posters in the house to remind them of the examination dates.
- Students need to have had adequate rest before an examination
- Students should have had a good meal before an examination
- Students should be finished in the toilet before the examination.
- Students should turn up to examinations at least 30 minutes early.
- Students must understand the rules and regulations of external examinations

MISSED EXTERNAL EXAMINATIONS

- If a student has missed an examination for legitimate reasons, he/she may apply for a derived grade.

Broadwood Area School - Te Kura Takiwa O Manganuiowae				
Senior Timetable Choices 2016				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Level 2 English Bevan Watson	Level 2 Maths Al Kirk	Level 1-3 Information Management Danelle Smith	Level 1-3 Food Technologies Iriata Tangihaere	Level 1-3 Visual Arts Iriata Tangihaere
Level 1 Maths Al Kirk	Level 1 English Bevan Watson	Level 3 Maths Al Kirk	Level 1-3 Physical Education Renee Sauer	Level 1-3 Physical Education Renee Sauer
Level 3 English Irene Turner-Crombie	L1-3 Biology/Physics Carl Quickfall	Level 1-3 Specialist Te Reo Maori June Subritsky	Level 1-3 Specialist Te Reo Maori June Subritsky	Level 1-3 Science Carl Quickfall
Level 1 Practical Maths Emma Davis	Level 1-3 Papa Taiao Emma Davis	L1 Music Tups		

**SUBJECT
OUTLINES**

COURSE

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY LEVEL 1

Standards	Title	Credits	Lit/Num	Date of Assessment
US 2792 v6 Generic Computing	Produce computer graphic documents using templates	2		Term 1
US 18743 v2 Generic Computing	Produce a spreadsheet from instructions	2		Term 1
AS91044 1.1 Generic Tech	Undertake brief development to address a need or opportunity	4	L1Lit	Term 2
AS91046 1.3 Generic Tech	Use design ideas to produce a conceptual design for an outcome to address a brief.	6		Term 3
AS 91071 1.41 L1 Digital Tech	Implement basic procedures to produce a specified digital information outcome	4		Term 3
US 111v6 Business Admin	Use a word processor to produce documents	5		Term 4
	TOTAL	23		
AS 91073 1.43 L1 Digital Tech	Implement basic procedures to produce a specific digital media outcome	4		ADDITIONAL ASSESSMENT
AS 91045 1.2 L1. Generic Tech	Use planning tools to guide the technological development of an outcome to address a brief	4		ADDITIONAL ASSESSMENT
AS 91072 1.42 L1 Digital Tech	Demonstrate understanding of basic concepts of digital media	3		ADDITIONAL ASSESSMENT

INFORMATION TECHNOLOGY LEVEL 2

Standards	Title	Credits	Lit/Num	Date of Assessment
US 2784v6 Generic Computing	Create and use a computer spreadsheet to solve a problem	3		Term 1
US 2781v6 Generic Computing	Manage and protect data in a personal computer system.	3		Term 2
US 2791 Generic Computing	Integrate spreadsheet and database data into word processed documents to meet a set brief	3		Term 2/3
US 2788v6 Generic Computing	Produce desktop published documents to meet a set brief.	5		Term 3
AS91354 2.1 Generic Technology	Undertake brief development to address an issue	4	L1Lit	Term 3/4
	TOTAL	18		
AS 91370 2.43 Digital Technology	Implement advanced procedures to produce a specified digital media outcome	4		ADDITIONAL ASSESSMENT

INFORMATION TECHNOLOGY LEVEL 3

Standard	Title	Credits	Lit/Num	Date of Assessment
US 2785 Generic Computing	Create a computer spreadsheet to provide a solution for organisation use	5		TERM 1
US 2789 Generic Computing	Produce desktop published documents for organisation use	6		TERM 2
US 2787 Generic Computing	Create and use a computer database to provide a solution for organisational use.	6		TERM 3
AS91613 Generic Technology	Develop a conceptual design to address a client issue UE APPROVED	8		TERM 4
AS 91635 Digital Technology	Implement complex procedures to produce a specified digital media outcome UE APPROVED	4		ADDITIONAL ASSESSMENT
	TOTAL	29		

HEALTH AND PHYSICAL EDUCATION

LEVEL 1 – YEAR 11

Standard	Title	Credits	Lit/Num	Date of Assessment
AS90964	Demonstrate quality movement in the performance of a physical activity (1.3)	3		Term 1 Week 7
AS90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes (1.6)	3	3Lit	Term 1 Week 7
AS90963	Describe the function of the body as it relates to the performance of physical activity	5	5Lit	Term 2 Week 10
AS90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	4	4Lit	Term 2 Week 10
AS90962	Participate actively in a variety of physical activities and explain factors that influence own participation	5		Term 3 Week 9
AS90968	Demonstrate and show responsible behaviour for safety during outdoor education activities	3	3Lit	Term 4 Week 5
	TOTAL	23	15Lit	
AS90970	Demonstrate self-management strategies and describe the effects on participation in physical activity	3	3Lit	ADDITIONAL ASSESSMENT

LEVEL 2 – YEAR 12

Standard	Title	Credits	Lit/Num	Date of Assessment
AS91330	Perform a physical activity in an applied setting	4		Term 1 Week 7
AS91335	Examine the implementation and outcomes of a physical activity event or opportunity	3	3Lit	Term 1 Week 10
AS91327	Examine the role and significance of physical activity in the lives of young people in New Zealand	3	3Lit	Term 2 Week 10
AS91332	Evaluate leadership strategies that contribute to the effective functioning of a group	4	4Lit	Term 3 Week 9
AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3		Term 3 Week 5
AS91333	Analyse the application of risk management strategies to a challenging outdoor activity	3	3Lit	Term 4 Week 5
	TOTAL	24	13 LIT	

LEVEL 3 - YEAR 13

Standard	Title	Credits	Lit/Num	Date of Assessment
AS91501	Demonstrate quality performance of a physical activity in an applied setting UE APPROVED	4	L 1 lit	Term 1 Week 10
AS91498	Evaluate physical activity experiences to devise strategies for lifelong well-being UE APPROVED	4	L1 lit L1 Num	Term 1/2 Week 9
AS91505	Examine contemporary leadership principles applied in physical activity contexts UE APPROVED	4	L1 lit	Term 3 Week 9
AS91503	Evaluate the use of health promotion to influence participation in physical activity UE APPROVED	5	L1 lit L1 Num	Term 3/4 Week 9
	TOTAL	17	17 Lit	
AS91504	Analyse issues in safety management for outdoor activity to devise safety management strategies UE APPROVED	3	L1 lit	ADDITIONAL ASSESSMENT

ENGLISH

ENGLISH LEVEL 1				
Standard	Title	Credits	Lit/Num	Date of Assessment
AS 1.10	Reading- collecting and collating reading material for unit. Writing six responses to written and visual texts	4	4 Lit	Term 1 Wks 1-11
US 10792	Write Personal Formal Correspondence	3		
AS 1.2	Produce Formal Writing	3	3Lit	Wks 1-5
AS 1.6	Construct and deliver an oral text	3		Wks 6-10
AS 1.11	Show Understanding of visual and/or oral text(s)through close viewing and/or listening, using supporting evidence	3		Wks 1-4
AS 1.7	Produce a media or dramatic presentation (static image)(Complete)	3		Wks 5-9
AS 1.2	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence.	4	4Lit	Wks 1-5
	TOTAL	23		

ENGLISH NCEA LEVEL 2

Standard	Title	Credits	Lit/Num	Date of Assessment
AS 2.9 91106	Form developed responses to independently read texts, supported by evidence. UE APPROVED	4	4 Lit R	Term 1 Wks1-11
AS 2.10	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence.	3		Term 2 Wks 1-5
AS 2.4 91101	Produce crafted and controlled writing UE APPROVED	6	6Lit W	Wks 6-10
AS 2.6.	Create a crafted and controlled visual and verbal text	3		
AS 2.5	Construct and deliver a crafted and controlled oral text	3		
	TOTAL	19		

ENGLISH NCEA LEVEL 3

Standard	Title	Credits	Lit/Num	Date of Assessment
AS 3.9	Respond critically to significant aspects of visual and/or oral texts through close reading supported by evidence.	3		Wks 1-6
AS 3.7	Respond critically to significant connections across texts, supported by evidence	4		
AS 3.4 91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas. UE APPROVED	6	6Lit W	
AS 3.5	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3		
AS 3.1 91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence UE APPROVED	4	4Lit RW	
AS 3.2 91473	(Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence) UE APPROVED	4	4Lit W	
	TOTAL	24		

NATURAL SCIENCES

NATURAL SCIENCES NCEA LEVEL 1 BAS COURSE OUTLINE

SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
SCI 1.15	90954	Astronomical Cycles (Lit)	4	4Lit	T1W5
SCI 1.8	90947	Investigate selected chemical reactions	4		T1W10
PHYS 1.1	90935	Physics Mathematics (Num)	4	4Num	T2W3
SCI 1.4	90943	Investigate implications of heat in everyday life (Lit)	4	4Lit	T2W6
CHEM 1.1	90930	Carry out a practical chemical investigation with direction.	4		T3W5
BIO 1.1	90925	Carry out a practical investigation, in a biological context, with direction.	4		T3W10
SCI 1.1	90940	Demonstrate understanding of aspects of mechanics (Num)	4	4Num	NOV
SCI 1.5	90944	Demonstrate understanding of aspects of acids and bases	4		NOV
SCI 1.9	90948	Demonstrate understanding of biological ideas relating to genetic variation	4		NOV
A MINIMUM OF 16 CREDITS WILL BE OFFERED IN THIS COURSE					

NATURAL SCIENCES NCEA LEVEL 2 BAS COURSE OUTLINE

SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
BIO 3.7	91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications (Lit)	3	3Lit	T1W5
SCI 1.5	90944	Demonstrate understanding of acids and bases (DERIVED GRADE)	4		T1W10
BIO 3.4	91604	Demonstrate understanding of how an animal maintains a stable internal environment (Lit)	3	3Lit	T2W4
AGRI 2.8	91296	Produce a landscape plan	4		T2W7
BIO 2.8	91160	Investigate biological material at microscopic level	3		T2W10
CHEM 2.7	91167	Demonstrate understanding of oxidation-reduction	3		T3W5
PHYS 2.1	91168	Carry out a practical Physics investigation that leads to a non-linear mathematical relationship (Num)	4	4Num	T3W10
CHEM 2.4	91164	Demonstrate understanding of binding, structure, properties and energy changes	5		NOV
CHEM 2.5	91165	Demonstrate understanding of the properties of selected organic compounds	4		NOV
CHEM 2.6	91166	Demonstrate understanding of chemical reactivity	4		NOV
SCI 1.1	90940	Demonstrate understanding of aspects of mechanics (Num)	4	4Num	NOV
SCI 1.5	90944	Demonstrate understanding of acids and bases	4		NOV
SCI 1.9	90948	Demonstrate understanding of biological ideas relating to genetic variation (Lit)	4	4Lit	NOV
BIO 2.5	91157	Demonstrate understanding of genetic variation and change (Lit)	4	4Lit	NOV
A MINIMUM OF 16 CREDITS WILL BE OFFERED IN THIS COURSE					

ALL Standards in this course are UE APPROVED

NATURAL SCIENCES NCEA LEVEL 3 BAS COURSE OUTLINE

SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
BIO 3.7	91607	Demonstrate understanding of genetic transfer and its biological implications (Lit)	3	3Lit	T1W5
CHEM 3.7	91393	Demonstrate understanding of oxidation-reduction processes	3		T1W5
PHYS 3.4	91524	Demonstrate understanding of mechanical systems (DERIVED GRADE) (Num)	6	6Num	T1W10
PHYS 3.7	91527	Use physics knowledge to develop an informed response to a socio-scientific issue (Lit)	6	3Lit	T2W5
PHYS 3.5	91525	Demonstrate understanding of modern Physics (Lit)	3	3Lit	T2W10
CHEM 3.2	91388	Demonstrate understanding of spectroscopic data in Chemistry	3		T2W5
CHEM 3.3	91389	Demonstrate understanding of chemical processes in the world around us	3		T2W10
PHYS 3.2	91522	Demonstrate understanding of the application of Physics to a selected context (Lit)	3	3Lit	T3W5
PHYS 3.1	91521	Carry out a practical investigation to test a Physics theory relating to variables in a non-linear relationship (Num)	4	4Num	T3W10
BIO 3.5	91605	Demonstrate understanding of evolutionary processes leading to speciation (Lit)	4	4Lit	T3W5
BIO 3.3	91603	Demonstrate understanding of the responses of plants and animals to their external environment (Lit)	5	5Lit	T3W10
BIO 3.6	91606	Demonstrate understanding of trends in human evolution (Lit)	4	4Lit	T4W4
PHYS 3.6	92526	Demonstrate understanding of electrical systems	6		T4W4
PHYS 3.4	91524	Demonstrate understanding of mechanical systems (Num)	6	6Num	NOV
CHEM 3.4	91390	Demonstrate understanding of thermochemical principals and the properties of particles and substances	5		NOV
CHEM 3.5	91391	Demonstrate understanding of the properties of organic compounds	5		NOV
CHEM 3.6	91392	Demonstrate understanding of equilibrium principals in aqueous systems	5		NOV
PHYS 3.3	91523	Demonstrate understanding of wave systems	4		NOV
A MINIMUM OF 16 CREDITS WILL BE OFFERED IN THIS COURSE					

PAPA TAI AO

Earth Care Year 1 - Project Possum

Standard	Title	Credits	Lit/Num	Date of Assessment
20793	Skin possums for possum fur recovery L3	4		TERM 1
20794	Hand pluck possums for possum fur recovery L2	2		TERM 1
20795	Machine pluck possums for possum fur recovery L2	2		TERM 1
20789	Demonstrate knowledge of possum biology and environmental impact as a pest species L3	6		TERM 1
20779	Describe and use traps to control possum pests L3	9		TERM 1
	TOTAL	23		

Earth Care Year 1- Wai Fencing One

Standard	Title	Credits	Lit/Num	Date of Assessment
561	Install, dismantle and store temporary electric fence L2	2		TERM 2
24832	Open and draw out a coil of wire, tie knots, join wire and prepare wire for transport and storage L2	5		TERM 2
24833	Identify and maintain fencing tools and equipment and identify fencing construction materials and wire types L2	3		TERM 2
24834	Replace a broken post and repair a broken wire in fences	5		TERM 2
23822	Install wooden battens for fencing	4		TERM 2
24836	Describe non-electric fences, fence support materials and safe practices in fencing	2		TERM 2
	TOTAL	21		

Nurseries

Standard	Title	Credits	Lit/Num	Date of Assessment
23781	Grow and pot up plants from stem cuttings L2	5		TERM 1/2/3
20571	Care for nursery crops L2	10		TERM 1/2/3
27708	Demonstrate knowledge of sexual and asexual plant propagation L2	6		TERM 1/2/3
	TOTAL	21		

Achievement Standards that Contribute to Literacy Endorsement

Standard	Title	Credits	Lit/Num	Date of Assessment
AS90810	Undertake a personal action, with reflection, that contributes to a sustainable future L2	6	6Lit	TERM 1/2/3
AS90923	Demonstrate knowledge of basic plant propagation techniques L1	4	4Lit	TERM 1/2/3
	TOTAL	10		

Papa Taiao Earth Care Year 2 - *Project Predator and Rodent*

Standard	Title	Credits	Lit/Num	Date of Assessment
20778	Describe and use traps to control mustelid pests L3	9		TERM 1/2
20788	Demonstrate knowledge of mustelid biology and environmental impact as a pest species L3	6		TERM 1/2
20781	Describe and use traps to use rodent pests L3	7		TERM 2/3
20791	Demonstrate knowledge of rodent biology and environmental impact as a pest species L3	6		TERM 2/3
	TOTAL	28		

Wai Fencing Two

Standard	Title	Credits	Lit/Num	Date of Assessment
37	Install fencing wire L3	6		TERM 2
572	Demonstrate knowledge of electric fencing components and systems L3	5		TERM 2
573	Construct, energize, and test permanent electric fences L3	10		TERM 2
	TOTAL	21		

Achievement Standards that Contribute to Literacy Endorsement

Standard	Title	Credits	Lit/Num	Date of Assessment
AS90828	Evaluate a personal action that contributes towards a sustainable future L3	6	6Lit	TERM 1/2/3
AS91384	Carry out, with consultation, an innovative and sustainable business activity L3	9	9Lit	TERM 1/2/3
	TOTAL	15		

TE REO MAORI

TE REO MAORI NCEA LEVEL 1&2 BAS COURSE OUTLINE					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
1.1	AS91085	Whakarongo kia mōhio ki te reo o tona ao	6	L1 Lit	TERM 1/2
1.2	AS91086	Korero kia whakamahi i te reo o tona ao	6	L1 Lit	TERM 1
1.5	AS91089	Waihanga tuhinga i te reo o tona ao	6	L1 Lit	TERM 1
2.1	AS91284	Whakrongo kia mōhio ki te reo o tona ao torotoro	4	L1 Lit	TERM 2
2.2	AS91285	Korero kia whakamahi i te reo o tona ao torotoro	6	L1 Lit	TERM 2
2.5	AS91782	Waihanga tuhinga auaha, i te reo o te ao torotoro	6	L1 Lit W	TERM 2
		TOTAL	34		

TE REO RANGATIRA

TE REO RANGATIRA NCEA LEVEL 1&2 BAS COURSE OUTLINE					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
1.1	AS91657	Te whakapuaki whakaaro hei kōrero whakamōhio	3	L1 Lit	TERM 1
1.2	AS91658	Te whakapuaki whakaaro hei kōrero auaha	3	L1 Lit	TERM 1
1.4	AS91660	Te whakapuaki whakaaro hei tuhinga auaha	3	L1 Lit	TERM 2
1.5	AS91661	Te whakatau kaupapa hei kōrero	3	L1 Lit	TERM 2
1.7	AS91663	Te tātari i te reo kōrero	3	L1 Lit	TERM 2
1.3	AS91659	Te whakapuaki whakaaro hei tuhinga whakamōhio	4	L1 Lit	TERM 1
1.6	AS91662	Te whakatau kaupapa hei tuhinga	3	L1 Lit	TERM 2
		TOTAL	22		

FOOD TECHNOLOGY

FOOD TECHNOLOGY LEVEL 1

Standard	Title	Credits	Lit/Num	Date of Assessment
US21059 V4	Demonstrate knowledge of knife care, storage and carrying for the Hospitality Industry.	2		TERM 1 W1-5
AS90956 V3	Demonstrate knowledge of an individual's nutritional needs.	5		TERM 1 W6-10
AS90959 V2	Demonstrate practices and strategies to address food handling issues.	5	L1Lit	TERM 2 W1-10
AS90957 V3	Demonstrate understanding of societal influences on an individual's food choices and well-being.	5	L1Lit	TERM 3 W1-10
US11882 V6	Prepare and serve a light meal, in a supported learning context	4		TERM 4 W1-8
	TOTAL	21		

FOOD TECHNOLOGY LEVEL 2

Standard	Title	Credits	Lit/Num	Date of Assessment
US27510 V2	Identify traditional kai and describe the gathering process.	2		TERM 1 W6-10
US21232 V4	Describe the roles and responsibilities of ringawera in a marae wharekai.	2		TERM 3 W1-4
US21248 V4	Prepare, maintain and clear a buffet in a marae wharekai.	2		TERM 3 W5-9
US21251 V4	Set tables, set kai and clear tables in a marae wharekai	2		TERM 4 W1-4
US21253 V4	Prepare and serve refreshments in a marae wharekai.	2		TERM 4 W5-8
	TOTAL	10		

MATHEMATICS

MATHEMATICS NCEA LEVEL 1					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
1.1	91026	Apply numeric reasoning in solving problems	4	4Num	TERM 1
1.4	91029	Apply linear algebra in solving problems	3	3Num	TERM 2
1.11	91036	Investigate bivariate numerical data using statistical enquiry cycle.	3	L1 Lit / Num	TERM 1
1.5	91030	Apply measurement in solving problems	3	3Num	TERM 2
1.7	91032	Apply Right Angled triangles in solving measurement problems	3	3Num	TERM 4
1.2	90127	Apply algebraic procedures in solving problems	4	4Num	TERM 3
		TOTAL	20		

NUMERACY PRACTICAL NCEA LEVEL 1 BAS COURSE OUTLINE					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
	26623	Use Number to Solve Problems	4	4Num	TERM 2
	26627	Use Measurement to Solve Problems	3	3Num	TERM 1
	26626	Interpret Statistical Information for a Purpose	3	3Num	TERM 3
	91026	Apply Numeric Reasoning to Solve Problems	4	4Num	TERM 4
	64	Perform Calculations for the Workplace	2		TERM 2
		TOTAL	16		

MATHEMATICS NCEA LEVEL 2

SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
2.1	91256	Apply co-ordinate geometry methods in solving problems	2	Num	TERM 1
2.5	91260	Applied network methods in solving problems	2	Num	TERM 1
2.4	91259	Apply trigonometric relationships in solving problems	3	Num	TERM 2
2.9	91264	Use statistical methods to make an inference	4	L1 Lit /Num	TERM 2
2.14	91269	Apply systems of equations in solving problems	2	Num	TERM 3
2.3	91258	Apply sequences and series in solving problems	2	Num	TERM 3
2.12	91267	Apply probability methods in solving problems	4	L1 Lit/Num	TERM 4
		TOTAL	19		

MATHEMATICS NCEA LEVEL 3 CALCULUS

SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
3.3	91575	Apply trigonometric methods in solving problems	4	Num	TERM 1
3.1	91573	Apply the geometry of conic sections in solving problems	3	Num	TERM 2
3.5	91577	Apply the algebra of complex numbers in solving problems	5	Num	
3.6	91578	Apply differentiation methods in solving problems	6	Num	
3.7	91579	Apply integration methods in solving problems	6	Num	
TOTAL			24		

ALL Standards in this course are UE APPROVED

MATHEMATICS NCEA LEVEL 3 STATISTICS

SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
3.2	91574	Apply linear programming methods in solving problems	3	Num	TERM 1
3.8	91580	Investigate time series data	4	L1Lit/Num	TERM 1
3.9	91581	Investigate bivariate measurement data	4	L1Lit/Num	TERM 2
3.15	91587	Apply systems of simultaneous equations in solving problems.	3	Num	TERM 2
3.14	91586	Apply probability distributions in solving problems	4	Num	TERM 3
3.13	91585	Apply probability concepts in solving problems	4	Num	TERM 3
3.12	91584	Evaluate statistically based reports	4	L1Lit W Num	TERM 4
TOTAL			26		

ALL Standards in this course are UE APPROVED

MUSIC

MUSIC NCEA LEVEL 1					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
1.1	91090	Perform two pieces of music as a featured soloist	6		TERM 1/2/3/4
1.2	91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	4		TERM 1/2/3/4
		TOTAL	10		

MUSIC NCEA LEVEL 2					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
2.1	91270	Perform two substantial pieces of music as a featured soloist	6		T1/2/3/4
		TOTAL	6		

VISUAL ARTS

VISUAL ARTS NCEA LEVEL 1					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
1.1	90913	Demonstrate understanding of art works from a Māori and another cultural context using art terminology	4	L1Lit	TERM 1/2/3/4
1.3	90915	Use drawing conventions to develop work in more than one field of practice	6		TERM 1/2/3/4
1.4	90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	12		TERM 1/2/3/4
		TOTAL	22		

VISUAL ARTS NCEA LEVEL 2					
SUBJECT CODE	Standard	Title	Credits	Lit/Num	Date of Assessment
2.1	91306	Demonstrate an understanding of methods and ideas from established practice appropriate to painting	4	L1Lit	TERM 1/2/3/4
2.3	91316	Develop ideas in a related series of drawings appropriate to established painting practice	4		TERM 1/2/3/4
2.4	91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	12		TERM 1/2/3/4
		TOTAL	20		

Whaea Danelle Smith / Matua Carl Quickfall

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