

# HAWERA HIGH SCHOOL

## 2019

### SENIOR SUBJECT INFORMATION BOOK



Courses of study offered in this book will run subject to sufficient student numbers.  
Students may not be able to study ALL their subjects or combination of subjects due to timetable constraints.  
However every effort will be made to accommodate student preferences.

#### DEANS 2019

YEAR 13

YEAR 12

YEAR 11

Mr K Elgar  
Mrs S Hopkins  
Mrs C Miles

#### SENIOR LEADERSHIP TEAM 2019

PRINCIPAL

DEPUTY PRINCIPAL

ASSISTANT PRINCIPALS

Ms R Williams  
Mr D Sheridan  
Mrs D Fern  
Miss P Hurley

GUIDANCE COUNSELLOR - Mrs M Wereta

CAREERS ADVISOR - Mrs S Martin

## The New Zealand Curriculum specifies eight learning areas:

English, the Arts, Health and Physical Education, Languages, Mathematics and Statistics, Science, Social Sciences and Technology.

### ARTS

- In the **Arts**, students explore, refine and communicate ideas as they connect thinking, imagination, senses and feelings to create works and respond to the works of others.

### ENGLISH

- In **English**, students study, use and enjoy language and literature communicated orally, visually or in writing.

### HEALTH & PHYSICAL WELL-BEING

- In **Health and Physical Well-Being**, students learn about their own well-being, and that of others and society, in health-related and movement contexts.

### LANGUAGES

- In **Languages**, students learn to communicate in an additional language, develop their capacity to learn further languages and explore different world views in relation to their own.

### MATHEMATICS & STATISTICS

- In **Mathematics and Statistics**, students explore relationships in quantities, space and data, and learn to express these relationships in ways that help them make sense of the world around them.

### SCIENCE

- In **Science**, students explore how both the natural physical world and space itself, work so that they can participate as critical, informed and responsible citizens in a society in which science plays a significant role.

### SOCIAL SCIENCES

- In **Social Sciences**, students explore how societies work and how they, themselves, can participate and take action as critical, informed and responsible citizens.

### TECHNOLOGY

- In **Technology**, students learn to be innovative developers of products and systems and discerning consumers who will make a difference in the world.

# CHOOSING A COURSE OF STUDY

## How do I choose my subjects?

This pathway booklet is designed to give you and your parents information about subjects that you can choose to study at Hawera High School. We provide opportunities for students to study at a level appropriate to their learning needs.

## When selecting subjects, you need to ask yourself the following questions:

### What subjects do I or would I enjoy?

Take time to read the subject descriptions.

### What are my chances of success in these subjects?

Think about your results in assessments so far, talk to your subject teacher.

### Do I have entry requirements for this subject?

Look at the entry requirements for each subject you want to study.

### Where does this subject lead to?

Is this subject a University Entrance subject or does it lead to a different pathway? i.e. Vocational Pathway

### What qualifications do I need for tertiary study and/or for the work that I hope to do when I leave school?

Use the DreamCatcher and Career Quest computer programs in the Library and Careers room. Talk to your Dean or Mrs Martin, the Careers Advisor. It is especially important to check the careers that require you to take Mathematics and Science in the Senior School.

## Have I discussed my choices with my caregivers, careers staff and teachers?

### What Qualifications can I achieve here?

#### QUALIFICATIONS – NCEA: National Certificate of Educational Achievement, Levels 1-3.

To complete each level of NCEA, students must earn **credits**. Credits are gained by meeting **Achievement Standards and Unit Standards** in their subject areas.

#### YEAR 11 - NCEA Level 1:

All Year 11 students will work towards the NCEA Level 1. Students will be able to gain credits in ALL of their subjects including Physical Education and Religious Studies.

For you to be awarded NCEA Level 1 you must:

- Achieve a total of at least 80 Level 1 credits from the whole year's work in all subjects.
- This 80 must include at least 10 credits from standards for L1 Literacy.
- This 80 must include at least 10 credits from standards for L1 Numeracy.



The assessment of students will be by completing **internal** assessments during the school year, as well as by **external** exams, which will be sat in November. Students who plan to study at University should carefully check the UE Numeracy requirements.

### **YEAR 12 - NCEA Level 2:**

For you to be awarded NCEA Level 2 you must:

- Achieve a total of at least 80 credits from the whole year's work in all subjects.
- 60 of these 80 credits must be at Level 2 or higher.
- Have met the L1 Literacy and L1 Numeracy requirements (see above).

Students are expected to complete a course in English and are strongly encouraged to take a course in Mathematics. Students who plan to study at University should carefully check the UE Literacy and Numeracy requirements. Y12 students should aim to get the L2 credits needed for UE Literacy - 5 in Reading and 5 in Writing.

### **YEAR 13 - NCEA Level 3:**

For you to be awarded NCEA Level 3 you must:

- Achieve a total of at least 80 credits from the whole year's work in all subjects.
- 60 of these 80 credits must be at Level 3 or higher.
- Have met the L1 Literacy and L1 Numeracy requirements (see above).

If you are planning to go to University you **must** check the University Entrance requirements. To go to University, you must have UE Numeracy (10 Level 1 credits) and UE Literacy (10 credits from Level 2 or 3 standards, 5 in Reading and 5 in Writing). Achievement Standards will be awarded one of the following grades:

- Excellence
- Merit
- Achieved
- Not Achieved

Most Unit Standards will be awarded either an Achieved or Not Achieved. Some Unit Standards do have the option of Merit or Excellence. Your teacher will inform you if this is the case.

Most school leavers applying for admission to NZ University will do so based on their NCEA results. For many courses a high Rank Score, based on the number of Achieved, Merit and Excellence grades, is needed to gain entry.

### **Additional Qualifications**

National Certificates such as the National Certificate in Tourism, the Certificate in Hospitality, and the National Certificate in Mathematics, lead students into the world of work or into courses which are run by Polytechnics or Private Training Providers.

Students can also work towards a vocational pathway in Year 12 in either the Service Industry, Creative Industries or Social and Community Services. These vocational pathways lead to either further training or work in these sectors.

**If you are interested in these qualifications, you MUST talk to the teacher in charge and see what combination of subjects you need to take.**

## How many courses do I choose?

At **Year 11** students must study:

- English
- Mathematics
- At least one of the following science related subjects: General Science, Biology, Physical Science, Geography, Horticulture, Physical Education
- Three other subjects

At **Year 12** students must study:

- English
- Five other subjects

At **Year 13** students must study:

- Six other subjects

Please note many university courses also specify which subjects you must take – be sure to check these via the University website or with the Careers Advisor, Mrs Martin, before finalising your subjects.

*Students are encouraged to select courses which best suit their needs – it is possible to study at more than one level.*

### HERE IS A FORMULA THAT MAY HELP YOU

**ABILITY**

+

- How good are you at a subject?
- Assessment results and reports will help you determine your ability.
- Discuss your ability level with your teachers.

**INTEREST**

+

- What do you enjoy?
- Do you like the work or is it just that you like the teacher?

**OCCUPATION**

=

- If you know what you would like to be, get advice from the Careers Advisor or your Dean.
- If you don't know what you would like to be, see the Careers Advisor or your Dean and keep your options open by not specialising too soon.

**SUBJECT  
CHOICE**

- Investigate carefully all subjects you are interested in.
- Make your final choice, keeping in mind the formula above.

# VOCATIONAL PATHWAYS

## What are the Vocational Pathways?



The Vocational Pathways provide new ways to achieve NCEA Level 2 – the foundation for success in further education and the world of work. The pathways help students see how their learning and achievement is valued in the ‘real world’ by aligning the NCEA Level 2 Assessment Standards including specific ‘sector-related’ standards with six industries:

**Manufacturing & Technology**

**Creative Industries**

**Services Industries**

**Construction & Infrastructure**

**Primary Industries**

**Social & Community Services**

These six pathways represent ways to structure and achieve NCEA Level 2 by providing a more coherent framework for foundational vocational education; students can develop their own individual education plans, are better informed and able to make better choices to meet their goals.

Government agencies, the industry training sector, secondary and tertiary representatives and industry and employer representatives worked together to develop the six Vocational Pathways for NCEA Level 2 as the foundation of the journey to employment. These groups are now in the process of developing pathways through qualifications achieved in NCEA Level 3 and beyond.

**Please Note:** The credits awarded to each standard may be allocated to more than one vocational pathway. Eg: Level 1 Biology Achievement Standard #90925 (Carry out practical investigation in a biological context, with direction – 4 credits) is allocated to the following areas:

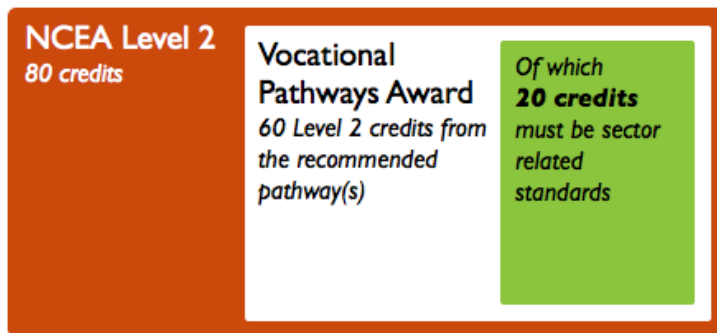
Construction and Infrastructure	Manufacturing And Technology	Primary Industries	Service Industries	Social and Community Services	Creative Industries
0	0	4	4	4	0

# VOCATIONAL PATHWAYS AWARD

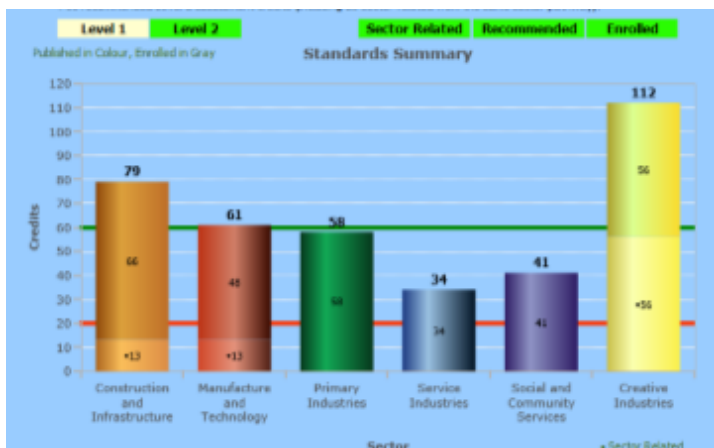
## What is a Vocational Pathways Award?

The award enables employers to assess whether potential employees' skills align with their industry requirements more easily.

To receive a Vocational Pathways Award, students must first gain NCEA Level 2, which is 60 credits from Level 2 and 20 credits from any other level; 80 credits in total. 10 of these 80 credits must satisfy the literacy requirements, and 10 of these 80 credits must satisfy the numeracy requirements. To get a Vocational Pathways Award, 60 of the Level 2 credits must be from the recommended standards in one or more pathways, including 20 Level 2 credits from sector related standards. **The following diagram shows this relationship:**



The Vocational Pathways Award(s) will be awarded to students on their NZQA Record of Achievement. This will be a real advantage when they look for work and training opportunities in the sector.



An example of a student's vocational pathways profile.

Check all of this out on [www.youthguarantee.net.nz/vocational-pathways](http://www.youthguarantee.net.nz/vocational-pathways) and other helpful links

Careers NZ is an organisation designed to help people make smart decisions about working and learning in New Zealand. The New Zealand Qualifications Authority (NZQA) ensures that New Zealand qualifications are valued as credible and robust both nationally and internationally. Students can view their Vocational Profile on the NZQA Website.

# ENGLISH

ENGLISH				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>English</i> ENG	<i>English</i> ENG	English ENG  English (Alternative) ENA  English (Unit Standards) ENU	English ENG  English (Vocational) ENV	English ENG

**Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.**



**11 ENGLISH****11ENG****Qualification:**

NCEA Level 1

**Content:**

An academic course which focuses on covering the full range of skills and assessments learned in English. There are choices within the following assessments – not all standards will be assessed.

**Assessments:**

Number	Achievement Standard	Type	Credits	Literacy
90052	Produce creative writing	Internal	3	✓
90053	Produce formal writing	Internal	3	✓
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	External	4	✓
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	External	4	✓
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	External	4	✓
90857	Construct and deliver an oral text	Internal	3	✓
Total Credits Available			<b>21</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>21</b>
Manufacturing and Technology	<b>21</b>
Primary Industries	<b>21</b>
Service Industries	<b>21</b>
Social and Community Services	<b>21</b>
Creative Industries	<b>21</b>

**Entry Requirement:**

Satisfactory performance and recommendation from a Year 10 English Teacher

**Material Fees:**

Nil

**Further Information:****Head of Department:** Ms K Gracia**12 ENGLISH****12ENG****Qualification:**

NCEA Level 2

**Content:**

Level 2 English is an academic course which builds on the skills already attained in Level 1. There is a component of choice within the internals.

**Assessments:**

Number	Achievement Standard	Type	Credits
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	External	4
91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	External	4
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	External	4
91101	Produce a selection of crafted and controlled writing	Internal	6
91102	Construct and deliver a crafted and controlled oral text	Internal	3
91104	Analyse significant connections across texts	Internal	4
Total Credits Available			<b>25</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>25</b>
Manufacturing and Technology	<b>18</b>
Primary Industries	<b>25</b>
Service Industries	<b>25</b>
Social and Community Services	<b>25</b>
Creative Industries	<b>25</b>

**Entry Requirement:**

A Level 1 writing standard (either Creative or Formal) and a total of at least 12 credits from Level 1 English.

**Material Fees:**

Nil

**Further Information:****Head of Department:** Ms K Gracia

**13 ENGLISH****13ENG****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

Level 3 English is an academic course which builds on the skills already achieved in previous years. There is room for creativity and imagination within the course, more so than in other English courses.

**Assessments:**

Number	Achievement Standard	Type	Credits
91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	External	4
91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	External	4
91474	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	External	4
91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	Internal	6
91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	Internal	3
Total Credits Available			<b>21</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>21</b>
Manufacturing and Technology	<b>15</b>
Primary Industries	<b>21</b>
Service Industries	<b>21</b>
Social and Community Services	<b>21</b>
Creative Industries	<b>9</b>

**Entry Requirement:**

Level 2 University Entrance Literacy. Special exceptions can be made at the discretion of the HOD English.

**Material Fees:**

Nil

**Further Information:****Head of Department:** Ms K Gracia**11 ALTERNATIVE ENGLISH****11ENA****Qualification:**

NCEA Level 1

**Note: Course Endorsement NOT available****Content:**

An English course that caters to the needs of individual students. Flexible time for the completion of each piece of work/standard is allowed, except for the oral component.

**Assessments:**

Number	Achievement and Unit Standard	Type	Credits	Literacy
10792	Write formal personal correspondence	Internal	3	✓
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	External	4	✓
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	External	4	✓
90052	Produce creative writing	Internal	3	✓
90857	Construct and deliver an oral text	Internal	3	✓
Total Credits Available			<b>17</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>15</b>
Manufacturing and Technology	<b>15</b>
Primary Industries	<b>18</b>
Service Industries	<b>15</b>
Social and Community Services	<b>15</b>
Creative Industries	<b>18</b>

**Entry Requirement:**

Selection made by Head of Department/Classroom teacher on the basis of assessment/exam results.

**Material Fees:**

Nil

**Further Information:****Head of Department:** Ms K Gracia

**11 ENGLISH – UNIT STANDARDS****11ENU****Qualification:**

NCEA Level 1

**Note: Course Endorsement NOT available****Content:**

This course is designed for students who would find an achievement standards course in challenging. The focus is to support literacy development and to gain Literacy at Level 1 through the Unit standards. The course leads into Year 11 Alternative English. **These standards are a guide and may change to meet class needs.**

**Assessments:**

Number	Achievement and Unit Standard	Type	Credits	Literacy
26624	Read texts with understanding	Internal	3	✓
26622	Write to communicate ideas for a purpose and audience	Internal	4	✓
26625	Actively participate in spoken interactions	Internal	3	✓
10792	Write formal personal correspondence	Internal	3	x
1273	Express ideas in writing and write an original story	Internal	4	x
504	Produce a CV	Internal	2	x
Total Credits Available			<b>19</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>7</b>
Service Industries	<b>0</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>7</b>

**Requirement:**

Selection made by Head of Department/Classroom teacher on the basis of assessment/exam results.

**Material Fees:**

Nil

**Further Information:****Head of Department:** Ms K Gracia**12 ENGLISH - VOCATIONAL****12ENV****Qualification:**

NCEA Level 2

**Note: Course Endorsement NOT available****Content:**

12ENV is an English/Communication course for students who are not intending to enrol in tertiary education. Students cannot attain UE Literacy from this course.

**Assessments:**

Number	Unit & Achievement Standard	Type	Credits
3488	Write business correspondence for a workplace	Internal	3
3492	Write a short report	Internal	3
91103	Create a crafted and controlled visual and verbal text	Internal	3
91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	Internal	3
2989	Select, read and assess texts to gain knowledge	Internal	3
Total Credits Available			<b>15</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>7</b>
Manufacturing and Technology	<b>7</b>
Primary Industries	<b>13</b>
Service Industries	<b>6</b>
Social and Community Services	<b>9</b>
Creative Industries	<b>15</b>

**Entry Requirement:**

To enter this course you must have achieved L1 Literacy and have attained a minimum of 9 credits from 11ENA or 11ENU.

**Material Fees:**

Nil

**Further Information:****Head of Department:** Ms K Gracia

# LEARNING LANGUAGES

ESOL				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3
<i>ESOL</i>	<i>ESOL</i>	ESOL	ESOL	ESOL

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.

TE REO MAORI				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Te Reo Maori</i>	<i>Te Reo Maori</i>	Te Reo Maori	Te Reo Maori	Te Reo Maori

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.

**11 ESOL****11 ESOL****Qualification:**

NCEA Level 1

**Content:**

This is a support subject for students for whom English is a second language. Students are generally withdrawn from classes one period per week to develop skills in reading, writing, speaking and listening to English. There is a possibility of entering some Level 2 standards.

**Assessments:**

Number	Unit Standard	Type	Credits	Literacy
27997	Write basic texts for practical purposes (EL)	Internal	7	
27983	Read and understand simple texts on familiar topics (EL)	Internal	8	
27984	Read and understand simple texts for practical purposes (EL)	Internal	7	
Total Credits Available			<b>22</b>	
Vocational Pathway profile of course			Pathway Credits	
Construction and Infrastructure			<b>14</b>	
Manufacturing and Technology			<b>14</b>	
Primary Industries			<b>14</b>	
Service Industries			<b>14</b>	
Social and Community Services			<b>14</b>	
Creative Industries			<b>14</b>	

**Material Fees:**

Nil

**Further Information:**

Teacher in charge: Mrs S Hopkins

**12/13 ESOL****12/13 ESOL****Qualification:**

NCEA Level 1

**Content:**

This is a support subject for students for whom English is a second language. Students are generally withdrawn from classes one period per week to develop skills in reading, writing, speaking and listening to English. These are Level 2 and Level 3 unit standards.

**Assessments:**

Number	Unit Standard	Type	Credits
27983	Read and understand simple texts on familiar topics	Internal	8
27984	Read and understand simple texts for practical purposes	Internal	7
28068	Write texts on familiar topics	Internal	5
28069	Write texts for practical purposes	Internal	5
28070	Write a response for a specific purpose	Internal	5
28056	Read and understand texts on familiar topics	Internal	5
Total Credits Available			<b>35</b>
Vocational Pathway profile of course			Pathway Credits
Construction and Infrastructure			<b>0</b>
Manufacturing and Technology			<b>0</b>
Primary Industries			<b>0</b>
Service Industries			<b>0</b>
Social and Community Services			<b>0</b>
Creative Industries			<b>0</b>

**Material Fees:**

Nil

**Further Information:**

Teacher in charge: Mrs S Hopkins

**11 TE REO MĀORI****11MAO****Qualification:**

NCEA Level 1

**Content:**

Students will be introduced to all the strands in the national Te Reo Māori curriculum. They will use a wide range of relevant resources.

Number	Achievement Standard	Type	Credits	Literacy
91085	Whakarongo kia mohio ki te reo o tona ao	Internal	6	✓
91086	Korero kia whakamahi i te reo o tona ao	Internal	6	✓
91087	Panui kia mohio ki te reo o tona ao	External	6	✓
91088	Tuhi i te reo o tona ao	External	6	✓
Total Credits Available			<b>24</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>24</b>		
Service Industries		<b>24</b>		
Social and Community Services		<b>24</b>		
Creative Industries		<b>24</b>		

**Entry Requirement:**

Generally, will have completed Year 9 and Year 10 Te Reo Māori. (In some circumstances, students can be assessed as to their level of fluency or can be accepted into the course at the discretion of the HoD Maori.)

**Material Fees:****\$20****Further Information:****Head of Department:** Mrs S King**12 TE REO MAORI****12MAO****Qualification:**

NCEA Level 2

**Content:**

This is a year long course which involves two major written exams, two oral/aural exams as well as weekly classroom tests during the course of the year.

**Assessments:**

Number	Achievement Standard	Type	Credits
91284	Whakarongo kia mohio ki te reo o te ao torototo	Internal	4
91285	Korero kia whakamahi i te reo o te ai torotoro	Internal	6
91286	Panui kia mohio ki te reo o te ao torotoro	External	6
91287	Tuhi i te reo o te ao torotoro	External	6
Total Credits Available			<b>22</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>22</b>	
Service Industries		<b>22</b>	
Social and Community Services		<b>22</b>	
Creative Industries		<b>22</b>	

**Entry Requirement:**

Must have Level 1 Māori

**Material Fees:****\$20****Further Information:****Head of Department:** Mrs S King

**13 TE REO MAORI****13MAO****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

The course will have a major emphasis on the development of successful speaking, listening, writing and reading skills in a wide range of situations. Te Reo students will become more proficient in their use of the language.

**Assessments:**

Number	Achievement Standard	Type	Credits
91650	Whakarongo kia mohio ki te reo Maori o te ao whanui	Internal	4
91651	Korero kia whakamahi i te reo Maori o te ao whanui	Internal	6
91652	Panui kia mohio ki te reo Maori o te ao whanui	External	6
91653	Tuhi i te reo Maori o te ao whanui	External	6
Total Credits Available			<b>22</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>22</b>	
Manufacturing and Technology		<b>22</b>	
Primary Industries		<b>22</b>	
Service Industries		<b>22</b>	
Social and Community Services		<b>22</b>	
Creative Industries		<b>22</b>	

**Entry Requirement:**

Must have completed Level 2 Te Reo Māori (In some circumstances, students can be assessed as to their level of fluency, or can be accepted into the course at the discretion of the HoD Maori)

**Material Fees:****\$20****Further Information:****Head of Department:** Mrs S King

# MATHEMATICS

MATHEMATICS				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Mathematics MAT</i>	<i>Mathematics MAT</i>	Mathematics with Externals MEX  Mathematics with Internals MIN  Numeracy NUM	Mathematics with Externals MEX  Mathematics with Internals MIN	Mathematics with Calculus MAC  Mathematics with Statistics MAT  Mathematics with Calculus/Statistics MSC

**Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.**



**11 MATHEMATICS (WITH EXTERNALS)****11MEX****Qualification:** NCEA Level 1**Content:** This is an Achievement Standards course including three externally assessed topics, and three internally assessed topics.**Assessments:**

Number	Achievement Standard (selected from)	Type	Credits	Numeracy
91026	Apply numeric reasoning in solving problems	Internal	4	✓
91027	Apply algebraic procedures in solving problems	External	4	✓
91028	Investigate relationships between tables, equations and graphs	External	4	✓
91029	Apply linear algebra in solving problems	Internal	3	✓
91031	Apply geometric reasoning in solving problems	External	4	✓
Total Credits Available			<b>19</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>19</b>		
Manufacturing and Technology		<b>19</b>		
Primary Industries		<b>19</b>		
Service Industries		<b>19</b>		
Social and Community Services		<b>11</b>		
Creative Industries		<b>19</b>		

**Entry Requirement:** This course is for students who have shown competence across the majority of topics offered in Year 10.**Material Fees:** \$30.00 for workbook and course material**Further Information:** **Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim**12 MATHEMATICS (WITH EXTERNALS)****12MEX****Qualification:** NCEA Level 2**Content:** This is a full Achievement Standards course comprising of three internally assessed and three externally assessed Achievement Standard topics.**Assessments:**

Number	Achievement Standard (selected from)	Type	Credits
91256	Apply co-ordinate geometry methods in solving problems	Internal	2
91259	Apply trigonometric relationships in solving problems	Internal	3
91261	Apply algebraic methods in solving problems	External	4
91262	Apply calculus methods in solving problems	External	5
91267	Apply probability methods in solving problems	External	4
91269	Apply systems of equations in solving problems	Internal	2
Total Credits Available			<b>20</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>16</b>	
Manufacturing and Technology		<b>16</b>	
Primary Industries		<b>13</b>	
Service Industries		<b>6</b>	
Social and Community Services		<b>4</b>	
Creative Industries		<b>20</b>	

**Entry Requirement:** Gained at least 14 credits at Level One NCEA from Achievement Standards, including the topics of Algebra (AS91027) and Tables, Relationships and Graphs (AS91028).**Material Fees:** \$35.00 for workbook and course material**Further Information:** **Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim

**13 MATHEMATICS WITH CALCULUS****13MAC****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

This is a full Achievement Standards course of 21 credits from the domains of Calculus, Trigonometry, Geometry, and Algebra.

Number	Achievement Standard	Type	Credits
Calculus Focus			
91575	Apply trigonometric methods in solving problems	Internal	4
91577	Apply the algebra of complex numbers in solving problems	External	5
91578	Apply differentiation methods in solving problems	External	6
91579	Apply integration methods in solving problems	External	6
Total Credits Available			21
<b>Vocational Pathway profile of course</b>		<b>Pathway Credits</b>	
Construction and Infrastructure		16	
Manufacturing and Technology		16	
Primary Industries		12	
Service Industries		0	
Social and Community Services		6	
Creative Industries		0	

**Entry Requirement:**

At least 14 Credits at Level 2 NCEA including Algebra AS91261 and Calculus AS91262.

**Material Fees:****\$30****Further Information:****Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim**13 MATHEMATICS WITH STATISTICS****13MAT****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

This is a full Achievement Standards course of 16 credits from the domains of Statistics, Probability and Algebra.

Number	Achievement & Unit Standard	Type	Credits
91574	Apply linear programming methods in solving problems	Internal	3
91576	Use critical path analysis in solving problems	Internal	2
91585	Apply probability concepts in solving problems	External	4
91586	Apply probability distributions in solving problems	External	4
91587	Apply systems of simultaneous equations in solving problems	Internal	3
Total Credits Available			23
<b>Vocational Pathway profile of course</b>		<b>Pathway Credits</b>	
Construction and Infrastructure		8	
Manufacturing and Technology		6	
Primary Industries		16	
Service Industries		8	
Social and Community Services		10	
Creative Industries		0	

**Entry Requirement:**

Gained at least 14 Credits from Level 2 NCEA Mathematics Achievement Standards including Algebra AS91261

**Material Fees:****\$35****Further Information:****Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim

**13 MATHEMATICS WITH STATISTICS AND CALCULUS****13MSC****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

The combined Statistics and Calculus course consists of two externally assessed Achievement Standards with three internally assessed Achievement Standards.

Number	Achievement & Unit Standard	Type	Credits
91574	Apply linear programming methods in solving problems	Internal	3
91576	Use critical path analysis in solving problems	Internal	2
91578	Apply differentiation methods in solving problems	External	6
91579	Apply integration methods in solving problems	External	6
91587	Apply systems of simultaneous equations in solving problems	Internal	3
Total Credits Available			23
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		20	
Manufacturing and Technology		18	
Primary Industries		20	
Service Industries		0	
Social and Community Services		8	
Creative Industries		0	

**Entry Requirement:**

At least 14 Credits at NCEA L2, with preferably Probability AS91267 and Algebra AS91261 included. It is possible for a very good student from 12MAR (19 or more credits) to follow this course.

**Material Fees:**

\$35

**Further Information:**

**Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim

**11 MATHEMATICS (NUMERACY)****11NUM****Qualification:**

NCEA Level 1

**Content:**

This course is made up of the three Numeracy Unit Standards from the Core Generic Domain, totalling 10 credits. It is designed to assist students to achieve the Numeracy requirement of Level One NCEA. This course does NOT lead onto any further Mathematics Course.

**Assessments:**

Number	Unit Standard	Type	Credits	Numerac
26623	Use number to solve problems	Internal	4	✓
26626	Interpret statistical information for a purpose	Internal	3	✓
26627	Use measurement to solve problems	Internal	3	✓
Total Credits Available			10	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		0		
Manufacturing and Technology		0		
Primary Industries		0		
Service Industries		0		
Social and Community Services		0		
Creative Industries		0		

**Entry Requirement:**

This course is for students whose Numeracy skills are still developing.

**Material Fees:**

\$30.00 for workbook and course material

**Further Information:**

**Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim

**11 MATHEMATICS (WITH INTERNALS)****11MIN****Qualification:**

NCEA Level 1

**Content:**

This course consists of five internally assessed Achievement Standards.

**Assessments:**

Number	Achievement Standard	Type	Credits	Numeracy
91026	Apply numeric reasoning in solving problems	Internal	4	✓
91029	Apply linear algebra in solving problems	Internal	3	✓
91034	Apply transformation geometry in solving problems	Internal	2	✓
91035	Investigate a given multivariate data set using the statistical enquiry cycle	Internal	4	Lit/Num
91038	Investigate a situation involving elements of chance	Internal	3	✓
Total Credits Available			<b>16</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>13</b>		
Manufacturing and Technology		<b>13</b>		
Primary Industries		<b>16</b>		
Service Industries		<b>16</b>		
Social and Community Services		<b>11</b>		
Creative Industries		<b>16</b>		

**Entry Requirement:**

This course is for students who have shown competence in some of the topics offered in Year 10.

**Material Fees:****\$30.00** for workbook and course material**Further Information:****Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim**12 MATHEMATICS (WITH INTERNALS)****12MIN****Qualification:**

NCEA Level 2

**Content:**

This course comprises of six internally assessed Level 2 Achievement Standard topics to Achievement/Merit level.

**Assessments:**

Number	Achievement Standard	Type	Credits
91256	Apply co-ordinate geometry methods in solving problems	Internal	2
91258	Apply sequences and series in solving problems	Internal	2
91259	Apply trigonometric relationships in solving problems	Internal	3
91260	Apply network methods in solving problems	Internal	2
91269	Apply systems of equations in solving problems	Internal	2
Total Credits Available			<b>11</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>11</b>	
Manufacturing and Technology		<b>11</b>	
Primary Industries		<b>4</b>	
Service Industries		<b>4</b>	
Social and Community Services		<b>4</b>	
Creative Industries		<b>11</b>	

**Entry Requirement:**

This course is for students who have achieved at least 10 credits from Level 1 NCEA Achievement Standards, including Numeric Reasoning (AS91026). Those who do not meet the pre-requisites may enter this course at the discretion of the HOD of Mathematics.

**Material Fees:****\$35.00** for workbook and course material**Further Information:****Head of Department:** Ms N Budd-Clement / Mrs A Kelly-Lim

# SCIENCE

SCIENCE				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Science</i>	<i>Science</i>	Biology   Science (General) Science (Physical)	Biology  Chemistry  Physics  Science (Environmental)	Biology  Chemistry  Physics  Science (Environmental)

**Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.**

**11 BIOLOGY****11BIO****Qualification:** NCEA Level 1**Content:** This Biology course consists of a mixture of NCEA Level one Achievement standards from the Biology and Science standards. It covers both animal and plant biology as well as practical biological investigations.**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
90925	Carry out a practical investigation in a biological context, with direction	Internal	4	Numeracy
90928	Demonstrate understanding of biological ideas relating to the life cycle of flowering plant	External	4	Literacy
90929	Demonstrate understanding of biological ideas relating to mammals as a consumers	External	3	Literacy
90948	Demonstrate understanding of biological ideas relating to genetic variation	External	4	Literacy
90949	Investigate life processes and environmental factors that affect them	Internal	4	
Total Credits Available			<b>19</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>8</b>		
Primary Industries		<b>19</b>		
Service Industries		<b>11</b>		
Social and Community Services		<b>15</b>		
Creative Industries		<b>8</b>		

**Entry Requirement:** Students will have a particular interest in the biological aspects of science. To be successful students should have performed at a satisfactory level in Year 10 science with an overall Achievement grade for the Year 10 Science exam. This course is a logical progression for students intending to go on in Level 2 or 3 Biology.**Material Fees:** \$27.00**Further Information:** **Head of Department:** Miss J Bastin-Lindsay**12 BIOLOGY****12BIO****Qualification:** NCEA Level 2**Content:** The Level 2 Biology course involves students researching, designing and carrying out experiments, learning about ecological communities, genetics, inheritance and adaptations as well as using microscopes while learning about cells.**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91153	Carry out a practical investigation in a biology context, with supervision	Internal	4	Numeracy
91155	Demonstrate understanding of adaptation of plants or animals to their way of life	Internal	3	Literacy
91156	Demonstrate understanding of life processes at the cellular level	External	4	Literacy
91157	Demonstrate understanding of genetic variation and change	External	4	Literacy
91158	Investigate a pattern in an ecological community, with supervision	Internal	4	Literacy
91160	Investigate biological material at the microscopic level	Internal	3	
Total Credits Available			<b>22</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>4</b>		
Primary Industries		<b>22</b>		
Service Industries		<b>10</b>		
Social and Community Services		<b>18</b>		
Creative Industries		<b>0</b>		

**Entry Requirement:** Pupils should have studied Biology and/or Physical Science at Level 1 and have earned at least 12 credits in one of these subjects at this level. Students must have achieved in at least one external standard.**Material Fees:** \$55.00 for Course workbook and field trip**Further Information:** **Head of Department:** Miss J Bastin-Lindsay

**13 BIOLOGY****13BIO****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

Level 3 Biology requires a good level of commitment as it builds on Level 2 knowledge in considerable detail. Plant and Animal Behaviour and Human Evolution are two topics new to biology in this year. All of the credits in this course are within the Biology Domain and therefore can be used to fill one of the Level 3 bubbles.

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91601	Carry out a practical investigation in a biological context, with guidance	Internal	4	
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	Internal	3	
91603	Demonstrate understanding of the responses of plants and animals to their external environment	External	5	
91605	Demonstrate understanding of evolutionary processes leading to speciation	External	4	
91606	Demonstrate understanding of trends in human evolution	External	4	
	Total Credits Available		<b>20</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>11</b>
Primary Industries	<b>20</b>
Service Industries	<b>0</b>
Social and Community Services	<b>11</b>
Creative Industries	<b>0</b>

**Entry Requirement:**

Pupils should have studied Biology at Level 2 and must have earned at least 12 Achievement Standard credits at this level. Students must have achieved at least one external standard. Pupils without this background will only be admitted to the course at the discretion of the HoD Biology.

**Material Fees:**

**\$245.00** for course workbook and Tiritiri Matangi Island field trip

**Further Information:**

**Head of Department:** Miss J Bastin-Lindsay

**12 CHEMISTRY****12CHE****Qualification:**

NCEA Level 2

**Content:**

The Level 2 Chemistry course offers students the opportunity to investigate and describe the production, properties and uses of groups of substances, and the ways they interact with people and the environment. Students will use the main Chemistry concepts and patterns to explain and understand these substances and interactions. Students will carry out simple qualitative and quantitative investigations to obtain and interpret chemical information.

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91161	Carry out quantitative analysis	Internal	4	Numeracy
91162	Carry out procedures to identify ions present in solution	Internal	3	
91164	Demonstrate understanding of bonding, structure, properties and energy changes	External	5	Literacy
91165	Demonstrate understanding of the properties of selected organic	External	4	Literacy
91166	Demonstrate understanding of chemical reactivity	External	4	Literacy
	Total Credits Available		<b>20</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>20</b>
Manufacturing and Technology	<b>20</b>
Primary Industries	<b>20</b>
Service Industries	<b>8</b>
Social and Community Services	<b>20</b>
Creative Industries	<b>16</b>

**Entry Requirement:**

At least 12 Credits from Level 1 Physical Science. Either: 2 Chemistry externals from Level 1 Physical Science or 1 Chemistry external plus 1 Physics external from Level 1 Physical Science

**Material Fees:**

**\$35.00**

**Further Information:**

**Teacher in charge:** Ms E Proulx

**13 CHEMISTRY****13CHE****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

The Level 3 Chemistry course builds on the topics and skills developed in Level 2. Students will investigate and develop a chemical understanding through investigating living and non-living systems. They will study the composition and properties of matter and the changes it undergoes. This will culminate in the development of their own research. All of the credits in this course are within the Chemistry Domain and therefore can be used to fill one of the Level 3 bubbles.

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91387	Carry out an investigation in chemistry involving quantitative analysis	Internal	4	
91388	Demonstrate an understanding of spectroscopic data in chemistry	Internal	3	
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	External	5	
91391	Demonstrate understanding of the properties of organic compounds	External	5	
91393	Demonstrate understanding of oxidation-reduction processes	Internal	3	
	Total Credits Available		<b>20</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>20</b>
Manufacturing and Technology	<b>20</b>
Primary Industries	<b>20</b>
Service Industries	<b>5</b>
Social and Community Services	<b>20</b>
Creative Industries	<b>0</b>

**Entry Requirement:**

Students need to have achieved 14 Credits in Level 2 Chemistry.

**Material Fees:****\$50.00** for 2 x Workbooks**Further Information:****Teacher in charge:** Ms E Proulx**12 PHYSICS****12PHY****Qualification:**

NCEA Level 2

**Content:**

Level 2 Physics is an exciting and challenging course involving practical work and problem solving. Students intending to do Level 3 Physics are required to complete this course

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	Internal	4	Lit/Num
91170	Demonstrate understanding of waves	External	4	Lit/Num
91171	Demonstrate understanding of mechanics	External	6	Lit/Num
91172	Demonstrate understanding of atomic and nuclear physics	Internal	3	Literacy
91173	Demonstrate understanding of electricity and electromagnetism	External	6	Lit/Num
	Total Credits Available		<b>23</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>23</b>
Manufacturing and Technology	<b>23</b>
Primary Industries	<b>20</b>
Service Industries	<b>0</b>
Social and Community Services	<b>23</b>
Creative Industries	<b>23</b>

**Entry Requirement:**

Students must have achieved NCEA Level 1 with a satisfactory performance in Level 1 Mathematics AND one of....

- Physics 1.3 and Science 1.1 from Physical Science or,
- Physics 1.3 or Science 1.1 plus one of the external Chemistry standards.

**Material Fees:****\$36.00****Further Information:****Head of Department:** Mrs D Fern



**13 PHYSICS****13PHY****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

Level 3 Physics is an exciting and challenging course that builds upon the knowledge gained in Level 2 in all aspects of Physics. The course involves practical work and problem solving and is designed to prepare students intending to study at University. All of the credits in this course are within the Physics Domain and therefore can be used to fill one of the Level 3 bubbles.

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	Internal	4	
91523	Demonstrate understanding of wave systems	External	4	
91524	Demonstrate understanding of mechanical systems	External	6	
91525	Demonstrate understanding of Modern Physics	Internal	3	
91526	Demonstrate understanding of electrical systems	External	6	
Total Credits Available			<b>23</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>23</b>		
Manufacturing and Technology		<b>23</b>		
Primary Industries		<b>16</b>		
Service Industries		<b>0</b>		
Social and Community Services		<b>23</b>		
Creative Industries		<b>0</b>		

**Entry Requirement:**

Students must have achieved satisfactory results for Level 2 Physics; Physics 2.4 - AS 91171 Mechanics and Physics 2.6 - AS 91173 Electricity, are particularly

**Material Fees:**

\$35 Workbook

**Further Information:****Head of Department:** Mrs D Fern**12 SCIENCE - ENVIRONMENTAL****12SCE****Qualification:**

NCEA Level 2

**Content:**

This course will introduce students to some of the environmental concerns in New Zealand and some of the natural disasters that can occur around the world. We cover a wide range of topics including NZ Conservation, Geology, Antarctica as an extreme environment and natural disasters. If you are interested in nature and Geology or wish to pursue a career in DOC, Environmental Science or Earth Sciences, this course is the first step. This subject fits well alongside Level 2 Biology and/or Geography.

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91188	Examine an Earth and Space Science issue and the validity of the information communicated to the public	Internal	4	Literacy
91189	Investigate geological processes in a New Zealand locality	Internal	4	Literacy
91190	Investigate how organisms survive in an extreme environment	Internal	4	Literacy
91191	Demonstrate understanding of the causes of extreme Earth events in New Zealand	External	4	Literacy
91192	Demonstrate understanding of stars and planetary systems	External	4	Literacy
Total Credits Available			<b>20</b>	
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>20</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>0</b>		
Service Industries		<b>0</b>		
Social and Community Services		<b>8</b>		
Creative Industries		<b>0</b>		

**Entry Requirement:**

16 credits from Level 1 Applied Science or 12 credits from Physical Science, Biology or Geography. This must include at least ONE external assessment within that Level 1 course. Those students who have only taken 11 Horticulture are unable to do this course.

**Material Fees:**

\$185.00 Workbook and Field Trip

**Further Information:****Teacher in charge:** Mrs A Campbell

**13 SCIENCE - ENVIRONMENTAL****13SCE****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

This course will build on the environmental topics from the Level 2 course. It is a scientifically based course that looks at the big picture of the sustainability of New Zealand as a whole. All of the credits in this course are within the 'Earth and Space Science Domain' and therefore can be used to fill one of the Level 3 'bubbles'. Environmental Science is suited to students who have an interest in Geology, Conservation, and sustainability of the world as a whole. Perfect for individuals wanting to work for DOC or do Environmental Science / Earth Science at tertiary level (University). This is a great subject to take alongside Level 3 Biology and/or Geography.

**Assessments:**

Number	Achievement Standard	Type	Credits	Lit/Num
91410	Carry out an independent practical Earth and Space Science investigation	Internal	4	
91411	Investigate a socio-scientific issue in an Earth and Space Science context	Internal	4	
91412	Investigate the evidence related to dating geological event(s)	Internal	4	
91413	Demonstrate understanding of processes in the ocean system	External	4	
Total Credits Available			<b>20</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>16</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>0</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>0</b>

**Entry Requirement:**

12 credits from any of the following Level 2 courses: Environmental Science, Biology, Chemistry, Physics or Geography. This must include at least ONE external assessment from that Level 2 science course.

**Material Fees:**

**\$107.00** Course Workbook and Field Trips

**Further Information:**

**Teacher in charge:** Mrs A Campbell

**11 SCIENCE - GENERAL****11SCI****Qualification:**

NCEA Level 1

**Content:**

The Level 1 NCEA Applied Science course offers the opportunity to study all areas of Science. This course has a high Internal component. Laboratory work, and inquiry based work are also a part of this course. This course is designed for students **NOT INTENDING** to go on to study Chemistry, Physics or Biology at levels 2 and 3. Students wishing to go on to study Environmental Science will need to achieve the **1 External and 3 Internal standards, or 4 Internal Standards**, a total of 16 credits.

Number	Achievement Standard (selection from)	Type	Credits	Lit/Num
90950	Investigate biological ideas relating to interactions between humans and micro-organisms	Internal	4	
90955	Investigate an Astronomical or Earth Science event	Internal	4	
90946	Investigate the implications of the properties of metals for their uses in society	Internal	4	
90949	Investigate life processes and environmental factors that affect them	Internal	4	
90954	Demonstrate understanding of the effects of astronomical cycles on planet Earth	Internal	4	Literacy
Total Credits Available			<b>20</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>8</b>
Manufacturing and Technology	<b>8</b>
Primary Industries	<b>20</b>
Service Industries	<b>8</b>
Social and Community Services	<b>12</b>
Creative Industries	<b>20</b>

**Entry Requirement:**

Achieved most sections of the Year 10 Science Exam and demonstrated safe practice and work habits in the laboratory.

**Material Fees:**

**\$20.00**

**Further Information:**

**Head of Department:** Mrs D Fern

**11 SCIENCE - PHYSICAL****11SCP****Qualification:**

NCEA Level 1

**Content:**

This course is designed for students who definitely intend to go on in Chemistry and/or Physics at Levels 2 and 3. The course studies Level 1 Chemistry and Physics standards in more depth, with practical work and a high external exam content. Students taking this course may **NOT** do Level 1 General Science, but can take the Level 1 Biology or Horticulture options.

Standard	Achievement Standard (selection from)	Type	Credits	Num/Lit
90930	Carry out a practical chemistry investigation, with direction	Internal	4	Numeracy
90934	Demonstrate understanding of aspects of chemical reactions	External	4	
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	Internal	4	Numeracy
90937	Demonstrate understanding of aspects of electricity and magnetism	External	4	Numeracy
90940	Demonstrate understanding of aspects of mechanics	External	4	Numeracy
90944	Demonstrate understanding of aspects of acids and bases	External	4	
Total Credits Available			<b>24</b>	

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>24</b>
Manufacturing and Technology	<b>20</b>
Primary Industries	<b>20</b>
Service Industries	<b>8</b>
Social and Community Services	<b>8</b>
Creative Industries	<b>24</b>

**Entry Requirement:**

Students need to have performed at a satisfactory level in Year 10 Science and be able to work safely in the laboratory. Students should have an overall Achievement grade for the Year 10 Science exam. The course is a logical progression for any year 10 student intending to go on in Chemistry and/or Physics at Levels 2 or 3.

**Material Fees:****\$36.00****Further Information:****Head of Department:** Mrs D Fern

# SOCIAL SCIENCES

SOCIAL SCIENCES				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Social Studies</i>	<i>Financial Literacy</i> <i>Social Studies</i>	Accounting  Economics Geography History	Accounting  Economics Geography History Young Enterprise	Accounting Classical Studies Economics Geography History Young Enterprise

**Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.**

**11 ACCOUNTING****11ACC****Qualification:**

NCEA Level 1

**Content:**

Accounting is the discipline which measures, records, reports and interprets financial and other information about an entity, to interested parties to enable them to make appropriate economic decisions.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
90977	Process financial transactions for a small entity	Internal	x	5
90978	Prepare financial statements for sole proprietors	External	x	5
90981	Make a financial decision for an individual or group	Internal	✓	3
90982	Demonstrate understanding of cash management for a small entity	Internal	✓	4
Total Credits Available				17
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		0		
Manufacturing and Technology		0		
Primary Industries		0		
Service Industries		17		
Social and Community Services		0		
Creative Industries		17		

**Entry Requirement:**

There are no pre-requisites but to be successful a reasonable level of literacy & numeracy is required. It is preferable for students to be taking Level 1 English (AS) and Level 1 Mathematics (AS).

**Material Fees:**

\$30.00 for workbooks

**Further Information:****Head of Department:** Mr K Elgar**12 ACCOUNTING****12ACC****Qualification:**

NCEA Level 2

**Content:**

A course that develops accounting skills and processes which may or may not have been learnt at NCEA Level 1, focussing on small business accounting.

**Assessments:**

Number	Achievement Standards	Type	Credits
91174	Demonstrate understanding of accounting concepts for an entity that operates accounting subsystems	External	4
91175	Demonstrate understanding of accounting processing using accounting software	Internal	4
91176	Prepare financial information for an entity that operates accounting subsystems	External	5
91179	Demonstrate understanding of an accounts receivable subsystem for an entity	Internal	3
Total Credits Available			16
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		0	
Manufacturing and Technology		0	
Primary Industries		0	
Service Industries		8	
Social and Community Services		0	
Creative Industries		16	

**Entry Requirement:**

NCEA Level 1 OR 9 credits at Level 1 Accounting. (Subject to HoD discretion)

**Material Fees:**

\$30.00 for Workbook

**Further Information:****Head of Department:** Mr K Elgar

**13 ACCOUNTING****13ACC**

**Qualification:** NCEA Level 3 **UE Approved Subject**

**Content:** Advanced accounting which builds on content and processes covered in NCEA levels 1 and 2 that focus on partnerships and companies and developing greater analysis skills. A selection of the following standards will be offered.

Number	Achievement Standard	Type	Credits
91405	Demonstrate understanding of accounting for partnerships	Internal	4
91406	Demonstrate understanding of company financial statement preparation	External	5
91408	Demonstrate understanding of management accounting to inform decision-making	External	4
91409	Demonstrate understanding of a job cost subsystem for an entity	Internal	4
Total Available Credits			<b>17</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>4</b>	
Service Industries		<b>13</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>4</b>	

**Entry Requirement:** NCEA Level 2 OR 8 credits at Level 2 Accounting OR success at Level 1 Accounting. (Subject to HoD discretion)

**Material Fees:** **\$30.00** for Workbook

**Further Information:** **Head of Department:** Mr K Elgar

**13 CLASSICAL STUDIES****13CLA**

**Qualification:** NCEA Level 3 **UE Approved Subject**

**Content:** Classical Studies is a course which provides a study of the Classical Romans. This includes learning about their lifestyle, religion, literature and architecture. There are two Internal assessments which are researched based and two external assessments which are essay based.

**Assessment:**

Number	Achievement Standard	Type	Credits
91394	Analyse ideas and values of the classical world	External	4
91395	Analyse the significance of a work(s) of art in the classical world	External	4
91397	Demonstrate understanding of significant ideology(ies) in the classical world	Internal	6
91398	Demonstrate understanding of the lasting influences of the classical world on other cultures across time	Internal	6
Total Available Credits			<b>20</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>20</b>	

**Entry Requirement:** You will need to have achieved Level 2 English.

**Material Fees:** **\$10.00** for workbook

**Further Information:** **Teacher in Charge:** Miss K Coleman

**11 ECONOMICS****11ECO****Qualification:**

NCEA Level 1

**Content:**

A study of consumers and demand, producers and supply. Also studied is the role of government and how it affects us.

**Assessment:**

Number	Achievement Standard	Type	Literacy	Credits
90983	Demonstrate understanding of consumer choices, using scarcity and/or demand	External	✓	4
90985	Demonstrate understanding of producer choices using supply	External	✓	3
90986	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	External	✓	5
90987	Demonstrate understanding of a government choice where affected groups have different viewpoints	Internal	✓	4
90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	Internal	✓	3
Total Credits Available				<b>19</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>19</b>		
Service Industries		<b>19</b>		
Social and Community Services		<b>3</b>		
Creative Industries		<b>19</b>		

**Entry Requirement:**

There are no pre-requisites but to be successful a reasonable level of literacy &amp; numeracy is required. It is preferable for students to be taking Level 1 English (AS).

**Material Fees:****\$27.00** for Workbooks**Further Information:****Head of Department:** Mr K Elgar**12 ECONOMICS****12ECO****Qualification:**

NCEA Level 2

**Content:**

A study of economic issues that face New Zealand which extend knowledge contained in Level 1 Economics. Issues include unemployment, inflation, trade, growth and government policies.

**Assessments:**

Number	Achievement Standards	Type	Credits
91222	Analyse inflation using economic concepts and models	External	4
91223	Analyse international trade using economic concepts and models	External	4
91225	Analyse unemployment using economic concepts and models	Internal	4
91227	Analyse how government policies and contemporary economic issues interact	Internal	6
Total Credits Available			<b>18</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>4</b>	
Service Industries		<b>14</b>	
Social and Community Services		<b>6</b>	
Creative Industries		<b>18</b>	

**Entry Requirement:**

NCEA Level 1 OR 9 credits at Level 1 Economics. (Subject to HoD discretion)

**Material Fees:****\$27.00** for workbook**Further Information:****Head of Department:** Mr K Elgar

**13 ECONOMICS****13ECO****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

A study into Economic Theory and Practice as it is applied in New Zealand. This course covers a variety of forms of competition and analysis of market situations and economic policy and interrelationships between consumers, producers and the international market.

**Assessment:**

Number	Achievement Standard	Type	Credits
91399	Demonstrate understanding of the efficiency of market equilibrium	External	4
91400	Demonstrate understanding of the efficiency of different market structures using marginal analysis	External	4
91401	Demonstrate understanding of micro-economic concepts	Internal	5
91402	Demonstrate understanding of government interventions to correct market failures	Internal	5
Total Available Credits			<b>18</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>9</b>	
Service Industries		<b>13</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>0</b>	

**Entry Requirement:**

NCEA Level 2 OR 8 credits at Level 2 Economics. (Subject to HoD discretion)

**Material Fees:**

\$27.00 for workbooks

**Further Information:****Head of Department:** Mr K Elgar**11 GEOGRAPHY****11GEO****Qualification:**

NCEA Level 1

**Content:**

Geography is about people, places and the natural environment.

**Assessment:**

Number	Achievement Standard	Type	Literacy	Credits
91007	Demonstrate geographic understanding of environments that have been shaped by extreme, natural events	External	Literacy	4
91009	Demonstrate geographic understanding of the sustainable use of an environment	Internal	Literacy	3
91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	External	Numeracy	4
91011	Conduct geographic research with direction	Internal	Lit/Num	4
91013	Describe aspects of a geographic topic at a global scale	Internal	Literacy	3
91014	Apply spatial analysis, with direction, to solve a geographic problem	Internal		3
Total Credits Available				<b>21</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>4</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>21</b>		
Service Industries		<b>21</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>14</b>		

**Entry Requirement:**

Open to all students.

**Material Fees:**

\$25.00 for Workbook and ½ day Farm Field Trip

**Further Information:****Head of Department:** Mrs D Reid



**12 GEOGRAPHY****12GEO****Qualification:**

NCEA Level 2

**Content:**

Geography is about people, place and the natural environment.

**Assessments:**

Number	Achievement Standards	Type	Credits
91241	Demonstrate geographic understanding of an urban pattern	Internal	3
91244	Conduct geographic research with guidance	Internal	5
91246	Explain aspects of a geographic topic at a global scale	Internal	3
91247	Apply spatial analysis, with guidance, to solve a geographic problem	Internal	3
91243	Apply geography concepts and skills to demonstrate understanding of a given environment	External	4
91240	Demonstrate geographic understanding of a large natural environment	External	4
Total Credits Available			<b>22</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>7</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>14</b>
Service Industries	<b>22</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>9</b>

**Entry Requirement:**

12 credits in Level 1 Geography/English. (Subject to HoD discretion)

**Material Fees:**

\$25.00 for Workbook and 1 day Field Trip to New Plymouth

**Further Information:****Head of Department:** Mrs D Reid**13 GEOGRAPHY****13GEO****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

Geography is about people, place and the natural environment.

**Assessments:**

Number	Achievement Standard	Credits	Type
91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	External	4
91427	Demonstrate understanding of how a cultural process shapes geographic environment(s)	External	4
91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	External	4
91430	Conduct geographic research with consultation	Internal	5
91432	Analyse aspects of a geographic topic at a global scale	Internal	3
91433	Apply spatial analysis, with consultation, to solve a geographic problem	Internal	3
Total Credits Available			<b>23</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>4</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>14</b>
Service Industries	<b>23</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>3</b>

**Entry Requirement:**

NCEA Literacy. 12 credits in Level 2 Geography/English or HOD discretion.

**Material Fees:**

\$25.00 for Skills Book and approximately \$280.00 for Field Trips to Rotorua and Coastal Taranaki

**Further Information:****Head of Department:** Mrs D Reid

**11 HISTORY****11HIS****Qualification:**

NCEA Level 1

**Content:**

History is the study of anything that occurred in the past. Historical study involves making a record of these past events as well as making an attempt to explain them. The Level 1 History course will cover a range of topics, including History Research Skills, The Wahine Disaster, The Second Anglo-Boer War 1899-1901, Apartheid in South Africa, 1981 Springbok Rugby Tour, Black Civil Rights Movement in the USA, Maori-Pakeha Race Relations in the 20<sup>th</sup> Century.

**Assessment:**

Number	Achievement Standard	Type	Literacy	Credits
91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	Internal	✓	4
91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	Internal	✓	4
91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	Internal	✓	4
91005	Describe the causes and consequences of an historical event	External	✓	4
91006	Describe how a significant historical event affected New Zealand society	External	✓	4
Total Credits Available				<b>20</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>0</b>		
Service Industries		<b>12</b>		
Social and Community Services		<b>16</b>		
Creative Industries		<b>20</b>		

**Entry Requirement:**

To be successful, sound literacy skills are required along with achievement in Social Studies and English assessments in Year 10. Students should be completing the Level 1 English (ENG) option.

**Material Fees:**

\$150.00 for 3 day Field Trip

**Further Information:****Teacher in Charge:** Mr R Pintor**12 HISTORY****12HIS****Qualification:**

NCEA Level 2

**Content:**

History is the study of anything that occurred in the past. Historical study involves making a record of these past events as well as making an attempt to explain them. The Level 2 History course will cover a range of topics, including History Research Skills, An Historic Building/Site in South Taranaki, World at War - Origins of World War One & Two, Vietnam and the Conflict in Indochina and The 1915 Gallipoli Campaign.

**Assessments:**

Number	Achievement Standards	Type	Credits
91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	Internal	4
91230	Examine an historical event or place that is of significance to New Zealanders	Internal	5
91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	Internal	5
91233	Examine causes and consequences of a significant historical event	External	5
91234	Examine how a significant historical event affected New Zealand society	External	5
Total Credits Available			<b>24</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>9</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>24</b>	

**Entry Requirement:**

12 Level 1 credits in History, must include AS91005. Students should be completing the Level 2 English (ENG) option. Entry at the discretion of the Teacher in Charge if no previous study of History.

**Material Fees:**

\$190.00 for 3 day Field Trip

**Further Information:****Teacher in Charge:** Mr R Pintor

**13 HISTORY****13HIS****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

History is the study of anything that occurred in the past. Historical study involves making a record of these past events as well as making an attempt to explain them. The Level 3 History course will cover a range of topics, including History Research Skills, History on Film—Hollywood Accuracy and New Zealand in the 19th Century—From a Maori World to a Pakeha World

**Assessments:**

Number	Achievement Standard	Credits	Type
91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	Internal	5
91435	Analyse an historical event, or place, of significance to New Zealanders	Internal	5
91437	Analyse different perspectives of a contested event of significance to New Zealanders	Internal	5
91438	Analyse the causes and consequences of a significant historical event	External	6
91439	Analyse a significant historical trend and the force(s) that influenced it	External	6
Total Credits Available			<b>27</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>10</b>	
Service Industries		<b>10</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>5</b>	

**Entry Requirement:**

14 Level 2 credits in History, must include either AS91233 and/or AS91234. Entry at the discretion of the Teacher in Charge if no previous study of History.

**Material Fees:**

**\$205** for course materials and 5 day Field Trip

**Further Information:**

**Teacher in Charge:** Mr R Pintor

**12 YOUNG ENTERPRISE****12YES****Qualification:**

NCEA Level 2

**Content:**

Students set up their own company, create a product or service, write a business plan, earn profits, pay tax and keep the profit. Each team is assigned a business mentor from the community to give advice and guidance. Each business team enters the YES (Young Enterprise Scheme) competition and competes against other Taranaki secondary schools, possibly New Zealand.

**Assessments:**

Number	Achievement Standards	Type	Credits
90846	Conduct market research for a new or existing product	Internal	3
90848	Carry out, review and refine a business activity within a community context with guidance	Internal	9
Total Credits Available			<b>12</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>3</b>	
Service Industries		<b>3</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>12</b>	

**Entry Requirement:**

There are no academic prerequisites for this course. Students need to be motivated to make their company successful, be prepared to work as a team and have be committed to operating their business outside of school hours.

**Material Fees:**

**\$35** registration fee

**Further Information:**

**Head of Department:** Mrs D Reid

**13 YOUNG ENTERPRISE****13YES****Qualification:**

NCEA Level 2

**UE – Business Studies Standards are University Approved****Content:**

Students set up their own company, create a product or service, write a business plan, earn profits, pay tax and keep the profit. Each team is assigned a business mentor from the community to give advice and guidance. Each business team enters the YES (Young Enterprise Scheme) competition and competes against other Taranaki secondary schools, possibly New Zealand.

**Assessments:**

Number	Achievement Standards	Type	Credits
91382	Develop a marketing plan for a new or existing product	Internal	6
91384	Carry out, with consultation, an innovative and sustainable business activity	Internal	9
	Total Credits Available		15
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		0	
Manufacturing and Technology		9	
Primary Industries		15	
Service Industries		15	
Social and Community Services		0	
Creative Industries		15	

**Entry Requirement:**

There are no academic prerequisites for this course. Students need to be motivated to make their company successful, be prepared to work as a team and be committed to operating their business outside of school hours.

**Material Fees:**

**\$35** registration fee

**Further Information:**

**Head of Department:** Mrs D Reid

# THE ARTS

<b>ART</b>				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Art</i>	<i>Art</i>	Art	Art – Painting  Photography	Art – Painting  Photography

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.

<b>PERFORMING ARTS</b>				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
	<i>Drama</i>	Drama  Maori Performing Arts	Drama  Maori Performing Arts	Drama  Maori Performing Arts
<i>Music</i>	<i>Music</i>	Music	Music	Music

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.

**11 ART****11ART**

**Qualification:** NCEA Level 1

**Content:** Level 1 Art is a practical course which covers a range of media, techniques and art making processes and conventions. You will be introduced to a range of New Zealand and International artists. You will be expected to show learning from these artist models in your practical work.

**Assessments:**

Number	Achievement Standard	Type	Credits
90914	Using drawing methods and skills for recording information using wet and dry media	Internal	4
90916	Produce a body of work informed by established practice that develops ideas using a range of media	External	12
90913	Demonstrate understanding of art work from a Maori and another cultural context using art terminology	Internal	4
Total Credits Available			20
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		0	
Manufacturing and Technology		0	
Primary Industries		0	
Service Industries		4	
Social and Community Services		0	
Creative Industries		20	

**Entry Requirement:** An interest in drawing and learning to paint.

**Material Fees:** \$50.00 course materials

**Further information:** **Head of Department:** Ms A McAlpine

**12 ART - PAINTING****12ART**

**Qualification:** NCEA Level 2

**Content:** Level 2 Painting involves the completion of two, interconnected internal assessments to show understanding of conventions and developing ideas in painting. Students will also complete one external achievement standard developing an individual project showing in-depth understanding of painting conventions based on learning from selected artist models.

**Assessments:**

Number	Achievement Standard	Type	Credits
91311	Use drawing methods to apply knowledge of conventions appropriate to painting	Internal	4
91316	Develop ideas in a related series of drawings appropriate to established sculpture practice	Internal	4
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	External	12
Total Credits Available			20
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		0	
Manufacturing and Technology		0	
Primary Industries		0	
Service Industries		0	
Social and Community Services		0	
Creative Industries		20	

**Entry Requirement:** It is expected that students will have completed NCEA Level 1 in Art.

**Material Fees:** \$50.00 course materials

**Further Information:** **Head of Department:** Ms A McAlpine

**13 ART - PAINTING****13ART****Qualification:**

NCEA Level 3

**UE Approved Subject - Painting****Content**

Level 3 Painting involves students in developing an individual project in painting over two internal and one external achievement standards. Students will be expected to show in-depth understanding of painting conventions based on learning from selected artist models as the project is developed.

**Assessments:**

Number	Achievement Standard	Type	Credits
91446	Use drawing to demonstrate understanding of conventions appropriate to painting	Internal	4
91451	Systematically clarify ideas using drawing informed by established painting practice	Internal	4
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	External	14
Total Credits Available			<b>22</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>22</b>	

**Entry Requirement:**

It is expected that students will have completed NCEA Level 2 in Art.

**Material Fees:****\$50.00** course materials**Further Information:****Head of Department** : Ms A McAlpine**11 DRAMA****11DRA****Qualification:**

NCEA Level 1

**Content:**

An introductory course to develop the use of drama skills and techniques. The course focuses on practical group work and performance with an introduction to drama theory. This course may include a class production. Students are required to view 1-2 outside live performances for external exams. Students will complete 3 x internal and 1 x external from the following assessments.

**Assessment**

Number	Achievement Standard	Type	Literacy	Credits
90006	Apply drama techniques in a dramatic context	Internal	Literacy	4
90997	Devise and perform a drama	Internal	Literacy	5
90998	Demonstrate understanding of features of a drama/theatre form	External	Literacy	4
90999	Select and use features of a drama/theatre form in a performance	Internal	Literacy	4
91000	Demonstrate an understanding of a play that is significant in the development of theatre	Internal	Literacy	4
90009	Perform an acting role in a scripted production	Internal	Literacy	5
90011	Demonstrate understanding of the use of drama aspects within live performance	External	Literacy	4
Total credits available				<b>30</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>0</b>		
Service Industries		<b>22</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>30</b>		

**Entry Requirement:**

A willingness to work with others. Year 10 Drama is helpful but not essential.

**Material Fees:****\$50.00** towards live theatre shows and activity fee**Further Information:****Head of Department:** Mrs A Wright

**12 DRAMA****12DRA**

**Qualification:** NCEA Level 2

**Content:** An advanced course covering drama techniques and skills, including both theory and practice with a focus on theatre genre study. This course may include a class production. Students will be required to view 2-3 outside live performances for external exams. Students are required to view 1-2 outside live performances for external exams. Students will complete 3 x internal and 1 x external from the following assessments.

**Assessments:**

Number	Achievement Standard	Type	Credits
91213	Apply drama techniques in a scripted context	Internal	4
91214	Devise and perform a drama to realise an intention	Internal	5
91217	Examine the work of a playwright	Internal	4
91216	Perform features of a complex drama/theatre form	Internal	4
91218	Perform a substantial acting role in a scripted production	Internal	5
91219	Discuss drama elements, techniques, conventions and technologies within live performance	External	4
	Total credits available		<b>26</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>0</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>26</b>

**Entry Requirement:** Level 1 Drama. This course incorporates more theory work than Level 1 Drama and requires the ability to interpret texts.

**Material Fees:** \$60.00 activity fee and 2-3 shows

**Further Information:** **Head of Department:** Mrs A Wright

**13 DRAMA****13DRA**

**Qualification:** NCEA Level 3

**Content:** An advanced course that extends the use of Drama techniques through theory and practice, with a focus on developing solo and pair work. This course may include a class production. There is an additional requirement to view 3-4 outside live performances for external exams. Students will complete 3 of the internal assessments below. 1 x external assessment will be chosen in consultation with the HoD.

**UE Approved Subject****Assessments:**

Number	Achievement Standard		Credits
91512	Interpret scripted text to integrate drama techniques in performance	Internal	4
91513	Devise and perform a drama to realise a concept	Internal	5
91514	Interpret a prescribed text to demonstrate knowledge of a theatre form or period	External	4
91515	Select and use complex performance skills associated with a drama form or period	Internal	4
91516	Demonstrate understanding of the work of a drama or theatre theorist or practitioner	Internal	4
91517	Perform a substantial acting role in a significant production	Internal	5
91518	Demonstrate understanding of live drama performance	External	4
	Total credits available		<b>30</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>5</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>30</b>

**Entry Requirement:** Level 2 Drama. This course incorporates more independent and theory work than Level 2 Drama and requires the ability to research and interpret texts

**Material Fees:** \$80.00 towards live theatre performance and activity fee

**Further Information:** **Head of Department:** Mrs A Wright



**11 MAORI PERFORMING ARTS****11MPA****Qualification:** NCEA Level 2**Note: Course endorsement NOT available****Content:** This course is a Level 2 course available at Year 11 and is internally assessed. It is aimed at giving students the skills for future opportunity in the area of Performing Arts, Māori Studies and Tourism.

Number	Unit Standard	Type	Credits
13359	Demonstrate knowledge and skills of moteatea	Internal	6
13363	Demonstrate knowledge and skills of waiata-a-ringā	Internal	6
13367	Demonstrate knowledge and skills of poi	Internal	10
13371	Demonstrate knowledge and skills of haka	Internal	6
15019	Demonstrate knowledge and skills of whakarakā	Internal	3
Total Credits Available			<b>31</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>22</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>22</b>	

**Entry Requirement:** As this is a Level 2 course, students will be considered at the discretion of the Teacher in Charge/HOD Māori.**Material Fees:** \$85**Further Information:** Teacher in charge: Mr P King**12 MAORI PERFORMING ARTS****12MPA****Qualification:** NCEA Level 2**Note: Course endorsement NOT available****Content:** This course is a Level 2 course, is internally assessed and is aimed at giving students the skills for future opportunity in the area of Performing Arts, Māori Studies and Tourism.**Assessments:**

Number	Unit Standard	Type	Credits
13359	Demonstrate knowledge and skills of moteatea	Internal	6
13363	Demonstrate knowledge and skills of waiata-a-ringā	Internal	6
13367	Demonstrate knowledge and skills of poi	Internal	10
13371	Demonstrate knowledge and skills of haka	Internal	6
15019	Demonstrate knowledge and skills of whakarakā	Internal	3
Total Credits Available			<b>31</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>28</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>28</b>	

**Entry Requirement:** Time management skills and the ability to work in a group. Students will be considered at the discretion of the Teacher in Charge/HOD Māori.**Material Fees:** \$85**Further Information:** Teacher in charge: Mr P King

**13 MAORI PERFORMING ARTS****13MPA****Qualification:** NCEA Level 3**Note: Course endorsement NOT available****Content:** This course is a Level 3 course, is internally assessed and is aimed at giving students the skills for future opportunity in the area of Performing Arts, Māori Studies and Tourism**Assessments:**

Number	UnitStandard	Type	Credits
15020	Perform whakara	Internal	6
17384	List and use a range of te reo Maori greetings and farewells in tourism	Internal	3
22756	Perform a Maori performing arts bracket	Internal	10
Total Credits Available			<b>19</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>19</b>	

**Entry Requirement:** Time management skills and the ability to work in a group. Students will be considered at the discretion of the Teacher in Charge/HOD Māori.**Material Fees:** \$85**Further Information:** **Teacher in charge:** Mr P King**11 MUSIC****11MUS****Qualification:** NCEA Level 1**Content:** This is a performance based course and involves students developing their performance, aural and reading skills, composition and knowledge of musical works. It is a full achievement standards based course.**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91090	Perform TWO pieces of music as a soloist	Internal		6
91091	Demonstrate ensemble skills by performing a piece of music as a member of a group	Internal		4
91094	Demonstrate knowledge of conventions used in music scores	External	✓	4
91095	Demonstrate knowledge of two music works from contrasting contexts	Internal		6
Total Credits Available				<b>20</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>0</b>		
Service Industries		<b>0</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>20</b>		

**Entry Requirements:** Have completed Year 10 Music OR Grade 3 performance plus Grade 2 theory OR by audition with HoD Music. Students should be learning an instrument or vocal training through the itinerant scheme or privately.**Material Fees:** \$80.00 Itinerant Music Tuition**Further Information:** **Head of Department:** Mr S Campbell

**12 MUSIC****12MUS****Qualification:**

NCEA Level 2

**Content:**

This performance-based course involves students developing their performance, and composition skills, and analysis of a variety of musical styles.

**Assessments:**

Number	Achievement Standard	Type	Credits
91270	Perform two substantial pieces of music as a featured soloist	Internal	6
91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	Internal	4
91273	Devise an instrumentation for an ensemble	Internal	4
91274	Perform a substantial piece of music as a featured soloist on a second instrument	Internal	3
91276	Demonstrate knowledge of conventions in a range of music scores	External	4
91278	Investigate an aspect of NZ music	Internal	4
	Total credits available		<b>25</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>25</b>	

**Entry Requirement:**

Must be learning a musical instrument or vocal through a tutor at the school or privately. 12 credits at NCEA Level 1 Music OR a standard of Grade 4 Performance plus Grade 3 Theory.

**Material Fees:**

**\$80.00** Itinerant Music tuition

**Further Information:**

**Head of Department:** Mr S Campbell

**13 MUSIC****13MUS****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

This performance-based course allows students to develop performance, instrumentation, composition and analytical skills in a variety of musical genre.

**Assessments:**

Number	Achievement Standard	Type	Credits
91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	Internal	4
91416	Perform two performances of music as a featured soloist	Internal	8
91419	Communicate musical intention by composing three original pieces of music	Internal	8
	Total credits available		<b>20</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>20</b>	

**Entry Requirement:**

Must be learning a musical instrument (or vocal) through a tutor at the school or privately. 14 credits at NCEA Level 2 Music OR a standard of Grade 4 Performance plus Grade 3 Theory.

**Material Fees:**

**\$80.00** Itinerant Music Tuition

**Further Information:**

**Head of Department:** Mr S Campbell

**12 PHOTOGRAPHY****12PHO****Qualification:** NCEA Level 2**Content:** Level 2 Photography involves the completion of one internal assessment to show understanding of photographic conventions and one to show the development of ideas using photography. Students will also complete one external achievement standard, developing an individual project to show in-depth understanding of photography conventions based on learning from selected artist models. This is a digital photography course.**Assessments:**

Number	Achievement Standard	Type	Credits
91312	Use drawing methods to apply knowledge of conventions appropriate to photography	Internal	4
91317	Develop ideas in a related series of drawings appropriate to established photography practice	Internal	4
91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	External	12
Total Credits Available			<b>20</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>0</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>20</b>

**Entry Requirement:** It is expected that students will have completed 80 credits at NCEA Level 1 in any combination of subjects**Material Fees:** \$130.00 course materials and exam costs**Further Information:** **Head of Department:** Ms A McAlpine**13 PHOTOGRAPHY****13PHO****Qualification:** NCEA Level 3**UE Approved Subject****Content:** Level 3 Photography involves students developing an individual project in photography over two internal and one external achievement standards. Students will be expected to show in-depth understanding of photography conventions based on learning from selected artist models. This is a digital photography course.**Assessments:**

Number	Achievement Standards	Type	Credits
91447	Use drawing to demonstrate understanding of conventions appropriate to photography	Internal	4
91452	Systematically clarify ideas using drawing informed by established photography practice	Internal	4
91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	External	14
Total Credits Available			<b>22</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>0</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>22</b>

**Entry Requirement:** It is expected that students will have completed NCEA Level 2 Photography. It would be useful, though not essential, to have some Photoshop knowledge.**Material Fees:** \$150.00 course materials and exam costs**Further Information:** **Head of Department:** Ms A McAlpine

# TECHNOLOGY

<b>MATERIALS TECHNOLOGY</b> Food / Textiles / Wood / Design & Visual Communication				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Construction</i>	<i>Construction</i>	Construction	Construction	Construction
	<i>Design &amp; Visual Communication</i>	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication
<i>Food</i>	<i>Food Technology</i>	Food & Nutrition	Food Related Studies	
		Hospitality	Hospitality	
<i>Textiles</i>	<i>Textiles</i>	Textiles	Textiles	Textiles

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.

<b>DIGITAL TECHNOLOGIES</b>				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Digital Technologies</i>	<i>Digital Technologies</i>	Digital Animation & Programming	Digital Animation & Programming	Digital Animation & Programming
		Digital Media Technologies	Digital Media Technologies	Digital Media Technologies

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.

**11 CONSTRUCTION TECHNOLOGY****11TCT**

**Qualification:** NCEA Level 1 and National Certificate in Building, Construction and Allied Trade skills (BCATS) Level 1

**Content:** Construction Technology has Unit Standards from BCITO contributing to a Level 1 National Certificate. Students are extensively involved in the planning and construction of a range of items. They will predominately work with timber. There will be 24 credits available for Level 1 NCEA.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	Internal		4
24356	Apply elementary workshop procedures and processes for BCATS projects	Internal		8
25919	Use hardware and fastenings for a BCATS project	Internal		2
25920	Use joints for BCATS projects	Internal		3
25921	Make a cupboard as a BCATS project	Internal		6
34352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	Internal		2
Total Credits Available				<b>25</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>25</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>19</b>		
Service Industries		<b>0</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>0</b>		

**Entry Requirement:** Year 10 Construction Technology is desirable.

**Material Fees:** \$65.00 course materials

**Further Information:** **Head of Department:** Mr J Roy

**12 CONSTRUCTION TECHNOLOGY****12TCT**

**Qualification:** NCEA Level 2 and National Certificate in Building, Construction and Allied Trade skills (BCATS) Level 2

**Content:** Construction Technology has Unit Standards from BCITO contributing to a Level 2 National Certificate. Students are extensively involved in the planning and construction of a range of items. They will predominately work with timber. There will be 24 credits available for Level 2 NCEA. There is an opportunity for a further 24 Level 2 credits available in the following year to complete the National Certificate.

**Assessments:**

Number	Achievement Standard	Type	Credits
12927	Identify, select, maintain, and use hand tools for BCATS projects	Internal	6
12932	Construct timber garden furniture and items of basic construction equipment as a	Internal	8
24350	Identify, Select, maintain and use portable power tools for BCATS projects	Internal	6
24354	Demonstrate knowledge of and apply safe working practices in a BCATS work place	Internal	4
Total Credits Available			<b>24</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>24</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>12</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>0</b>	

**Entry Requirement:** Level 1 Construction Technology preferable.

**Material Fees:** \$75.00 + additional material costs with independent project work

**Further Information:** **Head of Department:** Mr J Roy

## 13 CONSTRUCTION TECHNOLOGY

**13TCT**

**Qualification:** NCEA Level 2 and National Certificate in Building, Construction and Allied Trade skills (BCATS) Level 2

**Content:** Construction Technology has Unit Standards from BCITO contributing to a Level 2 National Certificate. Students are extensively involved in the planning and construction of a range of items. They will predominately work with timber. There will be 24 credits available for Level 2 NCEA, these credits form the second half of a two year programme.

**Assessments:**

Number	Achievement Standard	Type	Credits
22607	Read and interpret plans, working drawings and specifications for BCATS projects	Internal	3
24351	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects	Internal	6
24357	Receive instructions and communicate information in relation to BCATS projects	Internal	4
24358	Plan and monitor the construction of a BCATS project and quality check the product	Internal	2
24360	Demonstrate knowledge of timber and other construction materials in relation to BCATS projects	Internal	5
25319	Demonstrate knowledge of the carpentry industry within a BCATS environment	Internal	2
25330	Demonstrate knowledge of the Joinery industry within a BCATS environment	Internal	2
Total Credits Available			<b>24</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>24</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>5</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>0</b>	

**Entry Requirement:** Level 1 Construction Technology preferable.

**Material Fees:** \$75.00 + additional material costs with independent project work

**Further Information:** **Head of Department:** Mr J Roy

## 11 DESIGN & VISUAL COMMUNICATION

**11DVC**

**Qualification:** NCEA Level 1

**Content:** Design and Visual Communication focuses on understanding and applying drawing techniques and design practice to effectively communicate design ideas. Initially students learn 2D and 3D visual communication techniques. This course would suit students interested in construction, engineering, design, technology and architecture.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91063	Produce freehand sketches that communicate design ideas	External		3
91064	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	External		3
91065	Produce instrumental paraline drawings to communicate design ideas	External		3
91066	Use rendering techniques to communicate the form of design ideas	Internal		3
91067	Use the work of an influential designer to inform design ideas	Internal		3
91068	Undertake development of design ideas through graphics practice	Internal		6
Total Credits Available				<b>21</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>18</b>		
Manufacturing and Technology		<b>21</b>		
Primary Industries		<b>0</b>		
Service Industries		<b>0</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>21</b>		

**Entry Requirement:** Year 10 Graphics or Art is an advantage.

**Material Fees:** \$30.00 course materials

**Further Information:** **Head of Department:** Mr J Roy

**12 DESIGN & VISUAL COMMUNICATION****12DVC****Qualification:**

NCEA Level 2

**Content:**

Design and Visual Communication focuses on understanding and applying drawing techniques and design practice to effectively communicate design ideas. Initially students learn 2D and 3D visual communication techniques. Designers' work is researched, analysed and used in solving design problems. This course would suit students interested in construction, engineering, design, technology and architecture.

**Assessments:**

Number	Achievement Standard	Type	Credits
91340	Use the characteristics of a design movement or era to inform own design ideas	Internal	3
91341	Develop a spatial design through graphics practice	Internal	6
91343	Use visual communication techniques to compose a presentation of a design	Internal	4
91337	Use visual communication techniques to generate design ideas	External	3
91338	Produce working drawings to communicate technical details of a design	External	4
91339	Produce instrumental perspective projection drawings to communicate design ideas	External	3
91342	Develop a product design through graphics practice ( <b>Optional</b> )	Internal	6
Total Credits Available			<b>29</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>26</b>	
Manufacturing and Technology		<b>26</b>	
Primary Industries		<b>7</b>	
Service Industries		<b>3</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>29</b>	

**Entry Requirement:**

Level 1 DVC. An interview with the HOD can be requested if student does not meet this entry criteria.

**Material Fees:****\$30.00****Further Information:****Head of Department:** Mr J Roy**13 DESIGN & VISUAL COMMUNICATION****13DVC****Qualification:**

NCEA Level 3

**Content:**

Design and Visual communication focuses on understanding and applying drawing techniques and design practice to effectively communicate design ideas. This course relies heavily on students having taken Level 1 and 2 DVC. Designers work is researched, analysed and used in solving design problems. This course would suit students interested in design, architecture, technology construction and engineering.

**Assessments:**

Number	Achievement Standard	Type	Credits
91628	Develop a visual presentation that exhibits a design outcome to an audience	Internal	6
91629	Resolve a spatial design through graphics practice	Internal	6
91630	Resolve a product design through graphics practice	Internal	6
91627	Initiate design ideas through exploration	External	4
91631	Produce working drawings to communicate production details for a complex design	External	6
Total Credits Available			<b>28</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>28</b>	
Manufacturing and Technology		<b>28</b>	
Primary Industries		<b>16</b>	
Service Industries		<b>4</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>28</b>	

**Entry Requirement:**

Level 1 and 2 DVC. An interview with the HoD can be requested if the student does not meet this entry criteria.

**Material Fees:****\$30.00****Further Information:****Head of Department:** Mr J Roy



## 11 DIGITAL ANIMATION AND PROGRAMMING

**11DAP**

**Qualification:** NCEA Level 1  
**Content:** Level 1 Animation and Programming covers a range of basic skills in Digital Technologies. Focus will be on developing simple computer games, and simple animation.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91044	Undertake brief development to address a need or opportunity	Internal	✓	4
91046	Use design ideas to produce a conceptual design for an outcome to address a brief	Internal		6
91047	Undertake development to make a prototype to address a brief	Internal		6
91048	Demonstrate understanding of how technological modelling supports decision-making	External		4
91076	Construct a basic computer program for a specified task	Internal		3
Total Credits Available				<b>23</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>20</b>
Manufacturing and Technology	<b>23</b>
Primary Industries	<b>20</b>
Service Industries	<b>0</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>23</b>

**Entry Requirement:** Strengths in Mathematics and English would be desirable for enrolment in this course, but not essential. A desire to work hard and learn new skills is the priority.

**Material Fees:** \$30.00 course materials

**Further Information:** **Head of Department:** Mrs C Miles

## 12 DIGITAL ANIMATION & PROGRAMMING

**12DAP**

**Qualification:** NCEA Level 2  
**Content:** NCEA Level 2 Animation and Programming covers a range of advanced skills in computer science. Focus will be on website design, and developing animation skills.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91354	Undertake brief development to address an issue	Internal	✓	4
91356	Develop a conceptual design for an outcome	Internal		6
91358	Demonstrate understanding of how technological modelling supports risk management	External		4
91368	Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	Internal		6
91369	Demonstrate understanding of advanced concepts of digital media	Internal		4
Total Credits Available				<b>24</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>14</b>
Manufacturing and Technology	<b>24</b>
Primary Industries	<b>10</b>
Service Industries	<b>10</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>20</b>

**Entry Requirement:** It is expected that students will have completed Level 1 Digital Animation and Programming. For entry to this course without a prior Digital Technologies pathway you must have achieved NCEA Level 1, and consult with the HOD of Digital Technologies.

**Material Fees:** \$30.00

**Further Information:** **Head of Department:** Mrs C Miles

**Important Note:**

As **Digital Animation and Programming** and **Digital Media Technology** use the same standards with different assessments, it is strongly advised that students do not opt for both digital courses, as this will seriously affect their credit allocation.

**13 DIGITAL ANIMATION & PROGRAMMING****13DAP**

**Qualification:** NCEA Level 3 **UE: Approved Subject**  
**Content:** NCEA Level 3 Animation and Programming covers a range of complex skills in programming and animation.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91608	Undertake brief development to address an issue within a determined context	Internal	✓	4
91610	Develop a conceptual design considering fitness for purpose in the broadest sense	Internal	✓	6
91611	Develop a prototype considering fitness for purpose in the broadest sense	Internal	✓	6
91612	Demonstrate understanding of how technological modelling supports technological	External		4
91635	Implement complex procedures to produce a specified digital media outcome	Internal	✓	4
Total Credits Available				<b>24</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>20</b>		
Manufacturing and Technology		<b>24</b>		
Primary Industries		<b>12</b>		
Service Industries		<b>4</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>20</b>		

**Entry Requirement:** It is expected that you will have achieved at least 14 credits at Level 2 Digital Animation and Programming to be accepted into this programme.  
**Material Fees:** \$30.00 course materials  
**Further Information:** **Head of Department:** Mrs C Miles

**11 DIGITAL MEDIA TECHNOLOGY****11DMT**

**Qualification:** NCEA Level 1  
**Content:** NCEA Level 1 Digital Media covers basic design skills to create digital information such as brochures, posters, and photo stories.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91046	Use design ideas to produce a conceptual design for an outcome to address a brief	Internal		6
91070	Demonstrate understanding of basic concepts of information management	External	✓	3
91071	Implement basic procedures to produce a specified digital information outcome	Internal		4
91073	Implement basic procedures to produce a specified digital media outcome	Internal		4
Total Credits Available				<b>17</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>6</b>		
Manufacturing and Technology		<b>17</b>		
Primary Industries		<b>17</b>		
Service Industries		<b>11</b>		
Social and Community Services		<b>4</b>		
Creative Industries		<b>17</b>		

**Entry Requirement:** It is an advantage to have completed Year 10 DCT, but not essential.  
**Material Fees:** \$30.00 course materials  
**Further Information:** **Head of Department:** Mrs C Miles

**12 DIGITAL MEDIA TECHNOLOGY****12DMT**

**Qualification:** NCEA Level 2  
**Content:** NCEA Level 2 Digital Media covers developing skills and techniques in digital media, such as magazines and movies.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91354	Undertake brief development to address an issue	Internal	✓	4
91355	Select and use planning tools to manage the development of an outcome	Internal		4
91356	Develop a conceptual design for an outcome	Internal		6
91358	Demonstrate understanding of how technological modelling supports risk management	External	✓	4
Total Credits Available				<b>20</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>18</b>		
Manufacturing and Technology		<b>18</b>		
Primary Industries		<b>14</b>		
Service Industries		<b>4</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>14</b>		

**Entry Requirement:** It is expected that students will have completed a minimum of 14 Level 1 Digital Media or Animation and Programming credits. For entry to this course without a prior Digital Technologies pathway you must have achieved NCEA Level 1, and consult with the HOD of Digital Technologies.

**Material Fees:** **\$30.00**

**Further Information:** **Head of Department:** Mrs C Miles

**Important Note:**

As **Digital Animation and Programming** and **Digital Media Technology** use the same standards with different assessments, it is strongly advised that students do not opt for both digital courses, as this will seriously affect their credit allocation.

**13 DIGITAL MEDIA TECHNOLOGY****13DMT**

**Qualification:** NCEA Level 3  
**Content:** This course covers complex skills in Digital Technologies with a focus on the advanced Media Design elements.

**UE : Approved Subject**

**Assessments:**

Number	Achievement Standard	Type	Credits
91608	Undertake brief development to address an issue within a determined context	Internal	4
91610	Develop a conceptual design considering fitness for purpose in the broadest sense	Internal	6
91611	Develop a prototype considering fitness for purpose in the broadest sense	Internal	6
91612	Demonstrate understanding of how technological modelling supports technological development and implementation	External	4
91635	Implement complex procedures to produce a specified digital media outcome	Internal	4
Total Credits Available			<b>24</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>20</b>	
Manufacturing and Technology		<b>24</b>	
Primary Industries		<b>12</b>	
Service Industries		<b>4</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>20</b>	

**Entry Requirement:** It is expected that you will have achieved a minimum of 14 credits in Level 2 Digital Media or Animation and Programming. For entry to this course without a prior Digital Technologies pathway you must have achieved NCEA Level 2, and consult with the HOD of Digital Technologies.

**Material Fees:** **\$30.00** course materials

**Further Information:** **Head of Department:** Mrs C Miles

**11 FOOD TECHNOLOGY & NUTRITION****11FTN****Qualification:** NCEA Level 1

**Content:** Food Technology and Nutrition has achievement standards that focus on safety and hygiene in a kitchen; knowledge about budgeting and purchasing; meal planning and preparation of food. It includes designing and developing food products using the technology process. There are 18 internal and external achievement standards offered. This course provides a pathway for Level 2 Food and Nutrition and/or Level 2 Chef Training.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
90956	Demonstrate knowledge of an individual's nutritional needs	Internal		5
90959	Demonstrate knowledge of practices and strategies to address food handling issues	Internal	✓	5
90961	Demonstrate understanding of how packaging information influences an individual's food choices and well-being	External		4
91082	Implement basic procedures to process a specified product	Internal		4
Total Credits Available				<b>18</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>14</b>		
Service Industries		<b>18</b>		
Social and Community Services		<b>14</b>		
Creative Industries		<b>4</b>		

**Entry Requirement:** Open**Material Fees:** \$135.00 for ingredients and \$10.00 for workbook**Further Information:** **Head of Department:** Mrs L Sheridan**12 FOOD RELATED STUDIES****12FRS****Qualification:** NCEA Level 2

**Content:** This course is made up of standards from the Home and Life Sciences and Technology Domains. There is a mixture of unit standards and achievement standards that contribute towards NCEA Level 2. Some standards have a practical and written assessment component while others are purely theory based. It is recommended that students have well developed literacy and independent study skills. Minimum credit total = 12

**Assessments:**

Number	Achievement Standard	Type	Credits
13281	Prepare and present basic sandwiches for service	Internal	2
13285	Handle and maintain knives in a commercial kitchen	Internal	2
91299	Analyse issues related to the provision of food for people with specific food needs	Internal	5
91304	Evaluate health promoting strategies designed to address a nutritional need	External	4
91351	Implement advanced procedures to process a specified product	Internal	4
91353	Demonstrate understanding of advanced concepts used in preservation and packaging for product storage	Internal	4
Total credits available			<b>21</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>21</b>	
Manufacturing and Technology		<b>8</b>	
Primary Industries		<b>8</b>	
Service Industries		<b>21</b>	
Social and Community Services		<b>9</b>	
Creative Industries		<b>0</b>	

**Entry Requirement:** NCEA Level 1. Success at Level 1 Food Technology & Nutrition and/or Level 1 Hospitality is preferable. Students who don't fit this criteria would need to speak to the HOD.

**Material Fees:** \$120.00 ingredients and costs**Further Information:** **Head of Department:** Mrs L Sheridan

**11 HOSPITALITY (WAS CHEF TRAINING IN 2017)****11HOS**

**Qualification:** NCEA Level 1 **NOTE: Course Endorsement NOT available**  
**Content:** Industry based unit standards achieved are credited towards NCEA Level 1 and to the National Certificate in Hospitality (Foundation Skills).

**Assessments:**

Number	Unit Standard	Type	Credits
497	Demonstrate knowledge of workplace health and safety requirements	Internal	3
15892	Demonstrate knowledge of terminology used for food and recipes in commercial cookery	Internal	5
15897	Demonstrate knowledge of common types and uses of commercial catering equipment	Internal	2
15919	Prepare and present hot finger food in the hospitality industry	Internal	2
15920	Prepare and present sauce and soup in the hospitality industry	Internal	2
15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	Internal	3
21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	Internal	2
Total Credits Available			<b>19</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>3</b>
Manufacturing and Technology	<b>3</b>
Primary Industries	<b>3</b>
Service Industries	<b>16</b>
Social and Community Services	<b>3</b>
Creative Industries	<b>3</b>

**Entry Requirement:** An interest in the Hospitality Industry.  
**Material Fees:** \$160.00 – Ingredients, \$70.00 - Workbooks  
**Further Information:** Teacher in charge: Mrs L Sheridan/Miss K Miller

**12 HOSPITALITY (WAS CHEF TRAINING IN 2017)****12HOS**

**Qualification:** NCEA Level 2 **NOTE: Course Endorsement NOT available**  
**Content:** Industry based unit standards achieved are credited towards NCEA Level 2 and towards National Certificates in Hospitality in Introductory Cookery Level 2 and Food and Beverage Service Level 2. This provides a pathway to National Certificates in Hospitality in Basic Cookery at Level 3 with strands in Food Service and Barista.

**Assessments:**

Number	Unit Standard	Type	Credits
167	Practice food safety methods in a food business	Internal	4
13276	Cook food items by grilling	Internal	2
13280	Prepare and present fruit and vegetable cuts	Internal	2
13281	Prepare and present basic sandwiches for service	Internal	2
13283	Prepare and present salads for service	Internal	2
13285	Handle and maintain knives in a commercial kitchen	Internal	2
13344	Demonstrate knowledge of the characteristics of commercial cookery methods and their applications	Internal	3
17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	Internal	4
Total credits available			<b>21</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>21</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>0</b>

**Entry Requirement:** An interest in the Hospitality Industry. Students should have achieved NCEA Level 1. It is desirable that students have successfully completed a course at Year 11 in Chef Training (2017) and/or Food Technology & Nutrition. Students who don't fit the criteria would need to complete an interview with the teacher in charge of the course.  
**Material Fees:** \$160.00 – Ingredients, \$70.00 - Workbooks  
**Further Information:** Teacher in charge: Mrs L Sheridan/Miss K Miller

**11 TEXTILES****11TXT****Qualification:**

NCEA Level 1

**Content:**

This technology course will use Textile materials to focus on the design process and develop skills such as research, planning, making, testing and evaluating a range of Textile products. Practical skills will focus on Applied Design and the using and adapting of commercial patterns to make leisurewear and/or sportswear garments.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
91047	Undertake development to make a prototype to address a brief	Internal		6
91048	Demonstrate understanding of how technological modelling supports decision-making	External	✓	4
91058	Implement basic procedures using textile materials to make a specified product	Internal		6
91096	Make basic adaptations to a pattern to enable a design to fit a person or item	Internal		4
Total Credits Available				<b>20</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>16</b>		
Manufacturing and Technology		<b>20</b>		
Primary Industries		<b>10</b>		
Service Industries		<b>0</b>		
Social and Community Services		<b>0</b>		
Creative Industries		<b>20</b>		

**Entry Requirement:**

Fees incurred in Year 10 Textiles must be paid in full.

**Material Fees:****\$80.00** PLUS take home materials**Further Information:****Head of Department:** Mrs L Sheridan**12 TEXTILES****12TXT****Qualification:**

NCEA Level 2

**Content:**

This technology course will use Textile materials to focus on the design process and develop skills such as research, planning, making, testing and evaluating a range of Textile products. Units of work will focus on developing a garment with special features using advanced sewing techniques and development and making of a product using sustainable textile materials.

**Assessments:**

Number	Achievement Standard	Type	Credits
91345	Implement advanced procedures using textile materials to make a specified product with special features	Internal	6
91350	Make advanced adaptations to a pattern to change the structural and style features of a design	Internal	4
91357	Undertake effective development to make and trial a prototype	Internal	6
91358	Demonstrate understanding of how technological modelling supports risk management	External	4
Total Credits Available			<b>20</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>20</b>	
Manufacturing and Technology		<b>20</b>	
Primary Industries		<b>6</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>16</b>	

**Entry Requirement:**

It is desirable that students will have successfully completed Level 1 Textiles Technology. Students should have achieved NCEA Level 1. Fees incurred in Level 1 Textiles will be paid in full. Students who do not meet these criteria would need to meet with the teacher in charge of the course.

**Material Fees:****\$80.00** PLUS 'take home materials' costs**Further Information:****Head of Department:** Mrs L Sheridan

**13 TEXTILES****13TXT****Qualification:**

NCEA Level 3

**UE Approved Subject****Content:**

This technology course uses Textile materials to build upon and develop skills already acquired at Level 1 and/or Level 2 Textiles. Students will develop skills in research, planning, making, testing and evaluating several textile products. These products will be developed from a pattern students have been taught to make, and also involve the use of complex sewing skills and applied design techniques. This course is endorsed and university approved. Students will choose standards and expect to gain a minimum of 12 internal credits and an external.

**Assessments:**

Number	Achievement Standard	Type	Credits
91611	Develop a prototype considering fitness for purpose in the broadest sense	Internal	6
91617	Undertake a critique of a technological outcome's design	External	4
91621	Implement complex procedures using textile materials to make a specified product	Internal	6
91623	Implement complex procedures to create an applied design for a specified product	Internal	4
91626	Draft a pattern to interpret a design for a garment	Internal	6
	Total Credits Available		26
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		20	
Manufacturing and Technology		26	
Primary Industries		10	
Service Industries		0	
Social and Community Services		0	
Creative Industries		22	

**Entry Requirement:**

Students will have successfully completed Level 1 or Level 2 Textiles Technology. It is desirable that Students have achieved NCEA Level 2. Fees incurred in Level 2 Textiles will be paid in full. Students who do not meet these criteria would need to meet with the teacher in charge of the course.

**Material Fees:**

**\$80.00** plus additional material costs depending on independent project work

**Further Information:**

**Head of Department:** Mrs L Sheridan

# HEALTH AND PHYSICAL EDUCATION

HEALTH & PHYSICAL EDUCATION				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
<i>Physical Education &amp; Health</i>	<i>Physical Education &amp; Health</i>	Physical Education  Sports Studies	Outdoor Recreation  Physical Education  Sports Studies	Physical Education  Sports Leadership

**Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.**



## 12 OUTDOOR RECREATION

**12ORE**
**Qualification:**

NCEA Level 2

**NOTE: Course endorsement IS NOT available**
**Content:**

In Outdoor Recreation, students discover more about themselves, how they react in challenging situations and learn what it means to be part of, and develop as a team. Students learn to reflect, to be resourceful, to take responsibility for themselves and be involved in decision making. Students also explore natural environments local to our school that reflect the uniqueness of Aotearoa.

**Assessments:**

Number	Achievement Standard	Type	Credits
425	Experience day tramps	Internal	3
426	Experience camping	Internal	3
467	Demonstrate personal and social development through participation in adventure based learning	Internal	3
473	Demonstrate personal and social development through participation in a high ropes course programme	Internal	3
485	Demonstrate rafting skills on sheltered or slow-moving water	Internal	3
91333	Analyse the application of risk management strategies to a challenging outdoor activity.	Internal	3
Total Credits Available			<b>18</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>3</b>	
Service Industries		<b>18</b>	
Social and Community Services		<b>9</b>	
Creative Industries		<b>3</b>	

**Entry Requirement:**

Students must show a keen interest in the outdoors and have an eager willingness to engage in outdoor activities. Students will be interviewed prior to course entry.

**Material Fees:**
**\$425.00**
**Further Information:**
**Head of Department:** Miss P Hurley

## 11 PHYSICAL EDUCATION

**11PED**
**Qualification:**

NCEA Level 1

**NOTE: Course endorsement IS available - NZQA exception applies**
**Content:**

This course extends further from the Junior Physical Education programme. Students will participate in individual and team sports to gain a deeper theoretical knowledge of Physical Education.

**Assessments:**

Number	Achievement Standard	Type	Literacy	Credits
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	Internal	✓	5
90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	Internal	✓	5
90964	Demonstrate quality movement in the performance of a physical activity	Internal		3
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	Internal	✓	4
90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	Internal	✓	3
Total Credits Available				<b>20</b>
Vocational Pathway profile of course		Pathway Credits		
Construction and Infrastructure		<b>0</b>		
Manufacturing and Technology		<b>0</b>		
Primary Industries		<b>9</b>		
Service Industries		<b>20</b>		
Social and Community Services		<b>20</b>		
Creative Industries		<b>20</b>		

**Entry Requirement:**

Full participation, satisfactory performance and recommendation from Year 10 PE Teacher. Students may not do 11 Physical Education and 11 Sports Studies.

**Material Fees:**
**\$30.00** course materials. Students must purchase a Hawera High School PE uniform if they have outgrown it.

**Further Information:**
**Head of Department:** Miss P Hurley

**12 PHYSICAL EDUCATION****12PED**

**Qualification:** NCEA Level 2 **NOTE: Course endorsement IS available – NZQA exception applies**

**Content:** This course will provide students with an in-depth look at sport, fitness. It comprises an equal percentage of practical and theory sessions. Topics include biomechanics, principles and methods of training, anatomy, sport psychology, sociology of sport, skill learning and sport leadership. Students will have the opportunity to experience a wide range of practical activities.

**Assessments:**

Number	Achievement Standard	Type	Credits
91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	Internal	5
91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	Internal	4
91330	Perform a physical activity in an applied setting	Internal	4
91331	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	Internal	4
91332	Evaluate leadership strategies that contribute to the effective functioning of a group	Internal	4
Total Credits Available			<b>21</b>
<b>Vocational Pathway profile of course</b>		<b>Pathway Credits</b>	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>21</b>	
Social and Community Services		<b>13</b>	
Creative Industries		<b>21</b>	

**Entry Requirement:** 14 credits in Physical Education Level 1

**Material Fees:** \$35.00 work book. Students must purchase a Hawera High School PE uniform if they have outgrown it.

**Further Information:** **Head of Department:** Miss P Hurley

**13 PHYSICAL EDUCATION****13PED**

**Qualification:** NCEA Level 3 **UE Approved Subject**

**Content:** This course is a progression from Physical Education Level 2, with an emphasis on critically examining concepts learnt in Level 2.

**Assessments:**

Number	Achievement Standard	Type	Credits
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being.	Internal	4
91499	Analyse a physical skill performed by self or others.	Internal	3
91500	Evaluate the effectiveness of a performance improvement programme.	Internal	4
91501	Demonstrate quality performance of a physical activity in an applied setting.	Internal	4
91503	Evaluate the use of health promotion to influence participation in physical activity	Internal	5
Total Credits Available			<b>20</b>
<b>Vocational Pathway profile of course</b>		<b>Pathway Credits</b>	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>20</b>	
Social and Community Services		<b>12</b>	
Creative Industries		<b>11</b>	

**Entry Requirement:** 14 credits in Physical Education Level 2

**Material Fees:** \$85.00 course materials and entry into the Tough Guy/Gal challenge. Additional costs will occur dependent on funding. Students must purchase a Hawera High School PE uniform if they have grown out of it.

**Further Information:** **Head of Department:** Miss P Hurley

## 11 SPORTS STUDIES

## 11SPS

**Qualification:** NCEA Level 1 **NOTE: Course endorsement IS available - NZQA exception applies**  
**Content:** The Level 1 Sports Studies programme is assessed against achievement standards. The main emphasis is on practical activity, with a small amount of written content. Students will focus on self-management strategies and interpersonal skills.

### Assessments:

Number	Achievement Standard	Type	Literacy	Credits
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	Internal	✓	5
90964	Demonstrate quality movement in the performance of a physical activity	Internal		3
90968	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities	Internal	✓	3
90969	Take purposeful action to assist others to participate in physical activity	Internal		2
90970	Demonstrate self management strategies and describe the effects on participation in physical activity	Internal	✓	3
Total Credits Available				16

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	0
Manufacturing and Technology	0
Primary Industries	0
Service Industries	16
Social and Community Services	16
Creative Industries	13

**Entry Requirement:** Full participation, satisfactory performance and recommendation from Year 10 PE Teacher. Students may not do 11 Physical Education and 11 Sports Studies.  
**Material Fees:** \$50.00 – includes an assessment day at Vertical Horizons. Students must purchase a Hawera High School PE uniform if they have outgrown it.  
**Further Information:** **Head of Department:** Miss P Hurley

## 12 SPORTS STUDIES

## 12SPS

**Qualification:** NCEA Level 2 **NOTE: Course endorsement IS available – NZQA exception applies**  
**Content:** Through physical activity students will gain understanding of social responsibility and group processes. The aim is to establish life-long habits with physical activity.

### Assessments:

Number	Achievement Standard	Type	Credits
91327	Examine the role and significance of physical activity in the lives of young people in New Zealand	Internal	3
91330	Perform a physical activity in an applied setting	Internal	4
91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	Internal	3
91335	Examine the implementation and outcome(s) of a physical activity event or opportunity	Internal	3
91336	Analyse group processes in physical activity	Internal	3
Total Credits Available			16

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	0
Manufacturing and Technology	0
Primary Industries	3
Service Industries	16
Social and Community Services	12
Creative Industries	16

**Entry Requirement:** At least 10 credits in Level 1 Sports Studies.  
**Material Fees:** \$60.00 course materials and entry into the Urenui Mud Run. Students must purchase a Hawera High School PE uniform if they have outgrown it.  
**Further Information:** **Head of Department:** Miss P Hurley

**13 SPORT LEADERSHIP****13SPL****Qualification:** NCEA Level 3**NOTE: Course Endorsement NOT available****Content:** This course involves Level 3 achievement standards. It will develop skills and knowledge of the basic skills and rules in a sport. Students will be required to plan and implement coaching of a team during a whole sporting season.**Assessments:**

Number	Achievement Standard	Type	Credits
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	Internal	4
91499	Analyse a physical skill performed by self or others.	Internal	3
91500	Evaluate the effectiveness of a performance improvement programme.	Internal	4
Total Credits Available			<b>11</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>11</b>
Social and Community Services	<b>7</b>
Creative Industries	<b>7</b>

**Entry Requirement:** Students must be willing to coach a junior level sports team.**Material Fees:** **\$75.00** course materials and entry into the Tough Guy/Gal challenge. Additional costs will occur dependent on funding. Students must purchase a Hawera High School PE uniform if they have grown out of it.**Further Information:** **Head of Department:** Miss P Hurley

# TRANSITION

VOCATIONAL PATHWAYS				
Year 9	Year 10	Year 11	Year 12	Year 13
		NCEA Level 1	NCEA Level 2	NCEA Level 3 Scholarship
	<i>Horticulture</i>	Primary Industry Academy Programme	Agriculture  Gateway  Primary Academy Horticulture  Tourism  Trades Academy	Agriculture  Gateway  Horticulture  Tourism  Trades Academy  3 + 2

Please note: The standards/number of credits offered in each course are an indication only and are subject to change. High credit numbers may indicate choice within the standards rather than an overall total – Do not make choices based on credit totals.



Gateway placements will be for selected students and by interview only (numbers are limited).

Vocational Pathways: sector specific will be an individual programme arranged to suit students individual career pathways in the Vocational Pathway sector of their choice.

**12 AGRICULTURE****12AGR****Qualification:**

Credits towards the National Certificate in Agriculture.

**Content:**

This Agriculture course gives the students an opportunity to accumulate credits through theory and practical farming with an emphasis on farm safety. Students will gain credits towards the National Certificate in Agriculture. Progression is available with Level 3 Agriculture the following year. All units are internally assessed. Students choose standards from those offered. Minimum credit total = 20.

**Assessments:**

Number	Title	Type	Credits
31	Connect up, and perform repairs and maintenance on an on-farm water supply system	Internal	2
561	Install, dismantle, and store temporary electric fences	Internal	2
6401	Provide first aid	Internal	1
6402	Provide basic life support	Internal	1
18191	Demonstrate knowledge of safe handling and health problems of dairy cattle, associated with milking	Internal	3
18192	Demonstrate knowledge of how cows produce milk	Internal	2
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	Internal	3
19106	Assist with handling livestock when moving and drafting, and when livestock are distressed	Internal	4
19114	Assist with the handling and treatment of livestock	Internal	6
19116	Demonstrate knowledge of livestock behaviour and animal welfare	Internal	2
19145	Describe hydration, nutrition, and sleep in relation to physical well-being of agriculture workers	Internal	4
23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace	Internal	5
23541	Locate hazards, describe safety procedures, and demonstrate safe work practices in a rural workplace	Internal	5
24542	Demonstrate knowledge of the impact of an agriculture system on soils	Internal	3
24552	Check and drive a basic wheel tractor with an attached implement on flat terrain	Internal	5
24557	Demonstrate knowledge of the safe operation of a quad bike	Internal	3
24834	Replace a broken post, and repair a broken wire in fences	Internal	5
Total credits available			56
<b>Vocational Pathway profile of course</b>		<b>Pathway Credits</b>	
Construction and Infrastructure		0	
Manufacturing and Technology		0	
Primary Industries		55	
Service Industries		2	
Social and Community Services		2	
Creative Industries		0	

**Entry Requirement:**

Good attendance record; Good literacy skills;

A farm placement is compulsory one day a week (minimum) for 30 weeks. A caregiver/student interview is required prior to acceptance.

**Material Fees:**

\$135.00 includes compulsory trip to the field days and Workbooks

**Further Information:****Head of Department:** Mr W Benton

**13 AGRICULTURE****13AGR****Qualification:**

NCEA Level 3

**NOTE: Course Endorsement NOT available****Content:**

This course allows students to gain 21 Level 3 NCEA credits which also contribute toward the National Certificate in Agriculture. All units are internally assessed. 1 day per week for a minimum of 30 weeks or a total of 80 hours which can be completed in blocks during holidays is required on a farm. Students choose standards from those offered. Minimum credit total = 20.

**Assessments:**

Number	Achievement Standard	Type	Credits
16	Demonstrate knowledge of pasture production	Internal	5
18	Demonstrate knowledge of animal anatomy and physiology	Internal	4
6401	Provide first aid	Internal	1
6402	Provide basic life support	Internal	1
10082	Demonstrate knowledge of rearing weaner or replacement cattle	Internal	4
19103	Demonstrate knowledge of methods for promoting on-farm livestock health & health problems of livestock	Internal	8
19142	Describe the role of elements and fertilisers in primary production, and soil testing	Internal	6
23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	Internal	4
24543	Demonstrate knowledge of the formation, and factors which influence properties, of soils on-farm	Internal	5
Total Credits Available			<b>38</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>5</b>	
Service Industries		<b>2</b>	
Social and Community Services		<b>2</b>	
Creative Industries		<b>0</b>	

**Entry Requirement:**

Good attendance and literacy skills and a farm placement is compulsory. A parent/student interview prior to acceptance.

**Material Fees:****\$135.00** includes a compulsory trip to the Field days and Work Books**Further Information:****Head of Department:** Mr W Benton**12 GATEWAY****12GTW****Qualification:**

Certificates in vocational subjects possible.

**Content:**

Gateway is an opportunity for students to start workplace learning whilst they are still at school. Students can begin National. Certificates in vocational subjects such as engineering, building, vet assistance, electrical, hairdressing, early childhood etc.

**Assessments:**

Number	Title	Type	Credits
<b>Level 1</b>			
497	Demonstrate knowledge of workplace health and safety requirements	Internal	3
504	Produce a CV (curriculum vitae)	Internal	2
<b>Level 2</b>			
62	Maintain personal presentation and a positive attitude in a workplace involving customer contact	Internal	3
1294	Be interviewed in a formal interview	Internal	2
4252	Produce a targeted resume	Internal	2
7118	Manage own learning programme	Internal	3
10781	Produce a plan for own future directions	Internal	3
12349	Demonstrate knowledge of time management	Internal	3
12355	Demonstrate stress and ways of dealing with it	Internal	3
Total Credits Available			<b>24</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>6</b>	
Manufacturing and Technology		<b>6</b>	
Primary Industries		<b>15</b>	
Service Industries		<b>6</b>	
Social and Community Services		<b>18</b>	
Creative Industries		<b>18</b>	

**Entry Requirement:**

Very good attendance record. Some credits in NCEA Level 1 Mathematics, English and Science is of benefit as this course is often oversubscribed.

**Material Fees:**

Nil

**Further Information:****Head of Department:** Mr W Benton

**13 GATEWAY****13GTW**

**Qualification:** Certificates in vocational subjects possible. **NOTE: Course Endorsement NOT available**

**Content:** Gateway is an opportunity for students to start workplace learning whilst they are still at school. Students can also begin to gain credits in vocational subjects relating to their career pathway. Compulsory one day per week for approximately 20 weeks in work placement

**Assessments:**

Number	Unit Standard	Type	Credits
1980	Describe, from an employee perspective, ways of dealing with employment relationship problems	Internal	2
4251	Plan a career pathway	Internal	2
9694	Demonstrate and apply knowledge of communication process theory	Internal	5
28100	Develop a plan to achieve a long-term personal financial goal(s)	Internal	4
Total Credits Available			<b>13</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>13</b>	
Manufacturing and Technology		<b>13</b>	
Primary Industries		<b>13</b>	
Service Industries		<b>13</b>	
Social and Community Services		<b>13</b>	
Creative Industries		<b>13</b>	

**Entry Requirement:** Very good attendance record. Some credits in NCEA Level 1 Mathematics, English and Science is of benefit as this course is often oversubscribed.

**Material Fees:** Nil

**Further Information:** **Head of Department:** Mr W Benton

**11 PRIMARY INDUSTRY ACADEMY PROGRAMME****11ITO**

**Qualification:** Primary Industry Training Organisation based unit standards achieved are credited towards NCEA Level 1 and to the National Certificate National Qualification in Horticulture, Agriculture or Forestry.

**Content:** An aim of the Academy Programme is to provide an introduction to Primary Industries so students can select electives of either Agriculture or Horticulture in the following Level 2 year.

**Assessments:**

Number	Title	Type	Credits
1	Prepare and sow outdoor seedbeds manually	Internal	5
2803	Maintain a documented work record of horticultural activities	Internal	5
23780	Undertake general garden maintenance	Internal	5
19137	Describe the opportunities, advantages, and disadvantages of rural employment	Internal	2
23783	Grow and maintain plants in containers from seed	Internal	5
26969	Demonstrate knowledge of the New Zealand Primary Sector	Internal	3
Total credits available			<b>25</b>
Vocational Pathway profile of course		Pathway Credits	
Construction and Infrastructure		<b>0</b>	
Manufacturing and Technology		<b>0</b>	
Primary Industries		<b>0</b>	
Service Industries		<b>0</b>	
Social and Community Services		<b>0</b>	
Creative Industries		<b>0</b>	

**\*\* Extension unit standard available for students meeting course standards**

**Entry Requirement:** To be successful, students should have gained reasonable grades in Year 10 and have demonstrated good health and safety practices.

**Material Fees:** **\$80.00**

**Further Information:** **Teacher in charge:** Mr M McKercher



**12 HORTICULTURE****12HOR**

**Qualification:** Year 2 of New Zealand Introductory Certificate in Primary Industries

**Content:** This Primary Industry Academy course is designed specifically for secondary school students as a pathway for Horticulture within the primary sector industries. Unit standards obtained during this course can be credited towards NCEA Level 2, the Primary Industry Level 2 New Zealand Certificate in Primary Industry Skills, as well lead onto a variety of primary industry sector qualifications which provide career options and specialisation. It is planned to offer a minimum of 25 credits at Level 2.

**Assessments:**

Number	Title	Type	Credits
4	Hand tool and small motor maintenance	Internal	5
2765	Plant trees and shrubs	Internal	4
20574	Identify plants	Internal	5
21556	Control weeds under supervision	Internal	2
22174	Demonstrate knowledge of soils and fertilisers	Internal	5
22191	Demonstrate knowledge of factors which influence plant growth **	Internal	5
Total Credits Available			26

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	0
Manufacturing and Technology	0
Primary Industries	0
Service Industries	0
Social and Community Services	0
Creative Industries	0

\*\* Extension unit standard available for students meeting course standards

**Entry Requirement:** Open entry but students who have successfully completed HHS Level 1 Horticulture will be given preference. In addition students must have a good health and safety record.

**Material Fees:** \$80.00

**Further Information:** Teacher in charge: Mr M McKercher

**13 HORTICULTURE****13HOR**

**Qualification:** Credits towards NCEA Level 3 and Industry Qualifications

**Content:** This Primary Industry Academy course is designed specifically for secondary school students as a pathway for Horticulture within the primary sector industries. Unit standards obtained during this course can be credited towards NCEA Level 3, the Primary Industry Level 2 New Zealand Certificate in Primary Industry Skills, as well lead onto a variety of primary industry sector qualifications which provide career options and specialisation. It is planned to offer a minimum of 20 credits at Level 3. The extension Level 3 US 771 may be available for those students achieving all Level 3 US in the course schedule.

**NOTE: Course Endorsement NOT available**

**Assessments:**

Number	Achievement Standard	Type	Credits
771	Demonstrate knowledge of the production horticulture industry in New Zealand **	Internal	5
20555	Prepare and use soil-less growing media	Internal	5
22179	Maintain a hydroponic system	Internal	5
24648	Identify trees, shrubs, and climbers used in amenity horticulture	Internal	10
Total Credits Available			25

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	0
Manufacturing and Technology	0
Primary Industries	0
Service Industries	0
Social and Community Services	0
Creative Industries	0

\*\* Extension unit standard available for students meeting course standards

**Entry Requirement:** Open entry but students who have successfully completed HHS Level 2 Horticulture will be given preference. In addition students must have a good attendance and health and safety record.

**Material Fees:** \$80.00

**Further Information:** Teacher in charge: Mr M McKercher

**12 TOURISM****12TOU**

**Qualification:** NCEA Level 2  
**Content:** Work in this course will be assessed against Unit Standards set by ServiceIQ, as well as NZQA Unit Standards relating to workplace training. This course gives an overview of the Tourism industry.

**Assessments:**

Number	Unit Standards	Type	Credits
18237	Perform calculations for a tourism workplace	Internal	3
23761	Read and comprehend work-related documents in English for a tourism workplace	Internal	3
23767	Demonstrate knowledge of and use the Internet in a tourism workplace	Internal	2
24728	Demonstrate knowledge of work roles in tourism	Internal	3
24729	Demonstrate knowledge of world tourist destinations	Internal	4
24730	Demonstrate knowledge of the business of tourism	Internal	4
24731	Demonstrate knowledge of destination New Zealand	Internal	4
24732	Demonstrate knowledge of tourist characteristics and needs	Internal	3
Total Credits Available			<b>26</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>26</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>0</b>

**Entry Requirement:** NCEA Level One Literacy and numeracy.  
**Material Fees:** \$130.00 for course materials and workbooks  
 \$330.00 (approx) for a compulsory 5 day field trip/work experience  
**Further Information:** Teacher in Charge: Mr E Fern

**13 TOURISM****13TOU**

**Qualification:** National Certificate in Tourism and NCEA Level 3  
**Content:** Work in this course will be assessed against Unit Standards set by ServiceIQ, as well as NZQA Unit Standards relating to workplace training. This is designed as a Level 3 Tourism course. An interview with caregivers and student will be required prior to acceptance into this course.

**UE – NOT an Approved Subject**

**Assessments:**

Number	Unit Standard	Type	Credits
3727	Demonstrate knowledge of Pacific Island countries as tourist destinations	Internal	8
17384	List and use a range of te reo Maori greetings and farewells in tourism	Internal	3
17788	Identify, and explain the history of, natural attractions and significant sites in tourism Maori	Internal	5
24725	Prescribe and analyse the economic significance of Tourism	Internal	4
24726	Describe and compare social and cultural impacts of tourism	Internal	3
24727	Describe and compare impacts of tourism on the physical environment	Internal	3
Total Credits Available			<b>26</b>

Vocational Pathway profile of course	Pathway Credits
Construction and Infrastructure	<b>0</b>
Manufacturing and Technology	<b>0</b>
Primary Industries	<b>0</b>
Service Industries	<b>3</b>
Social and Community Services	<b>0</b>
Creative Industries	<b>0</b>

**Entry Requirement:** A placement of one week is compulsory. Unit Standards may change subject to NCEA requirements.  
**Material Fees:** \$130.00 for course materials and workbooks  
 \$330.00 (approx) for a compulsory 5 day field trip/work experience  
**Further Information:** Teacher in Charge: Mr E Fern

**12 TRADES ACADEMY****12TDS**

**Qualification:** Offers credits towards Level 2 **NOTE: Course Endorsement NOT available**

**Content:** This is a subject line provided for students selected to attend the Trades Academy at WITT in New Plymouth (1 day a week). This allows the students to catch up on work missed while on this programme and also gives them the opportunity to study additional Unit Standards assisting them to become work ready.

**Courses offered:**

<b>Construction and Infrastructure</b>	<ul style="list-style-type: none"> <li>• Build a Batch</li> </ul>
<b>Manufacturing and Technology</b>	<ul style="list-style-type: none"> <li>• Automotive</li> <li>• Electrical</li> <li>• Mechanical Engineering</li> <li>• Welding</li> </ul>
<b>Primary Industries</b>	<ul style="list-style-type: none"> <li>• n/a</li> </ul>
<b>Service Industries</b>	<ul style="list-style-type: none"> <li>• Beauty &amp; Make Up Artistry</li> <li>• Cookery</li> <li>• Hairdressing</li> <li>• Restaurant Services</li> <li>• Sport &amp; Fitness</li> </ul>
<b>Social and Community Services</b>	<ul style="list-style-type: none"> <li>• Business Administration</li> <li>• Sport &amp; Fitness</li> </ul>
<b>Creative Industries</b>	<ul style="list-style-type: none"> <li>• Art &amp; Design</li> </ul>

**Entry Requirement:** 60 credits at Level 1. Good attendance record. Genuine interest in the area of study chosen.

**Material Fees:** Nil

**Further Information:** **Teacher in Charge:** Mrs S Martin

**3 + 2****13TEP**

**Qualification:** Offers credits towards Level 3 **NOTE: Course Endorsement NOT available**

**Content:** Students will attend WITT two days a week but will still be enrolled at Hawera High School. Time in the form of a subject line will be provided at school for students to catch up on work missed while attending WITT.

**Courses offered:**

<b>Construction and Infrastructure</b>	
<b>Manufacturing and Technology</b>	
<b>Primary Industries</b>	<ul style="list-style-type: none"> <li>• National Certificate of Agriculture</li> </ul>
<b>Service Industries</b>	<ul style="list-style-type: none"> <li>• NZ Certificate in Business &amp; Technology</li> <li>• Certificate in Make Up Artistry</li> <li>• National Certificate in Fitness (Exercise Consultant)</li> <li>• NZ Certificate in Food &amp; Beverage</li> <li>• NZ Certificate in Computing (Intermediate user)</li> </ul>
<b>Social and Community Services</b>	<ul style="list-style-type: none"> <li>• Certificate in Early Childhood Education</li> </ul>
<b>Creative Industries</b>	<ul style="list-style-type: none"> <li>• NZ Certificate in Digital Media &amp; Design</li> </ul>

**Entry Requirement:** Genuine interest in the area of study chosen.

**Material Fees:** Nil

**Further Information:** **Teacher in Charge:** Mrs S Martin

Notes:

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Notes:

This image shows a single page from a notebook or ledger. It features approximately 20 evenly spaced horizontal black lines across its entire width, providing space for writing. The margins are uniform on all sides, and there are no other markings, text, or illustrations present.

