



LEVEL 2 OPTION BOOK 2020

BOTANY DOWNS Secondary College

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LEVEL 2 COMPULSORY SUBJECTS

Every Year 12 student at Botany Downs Secondary College has English as a compulsory subject. For English there are 5 courses. This is chosen for the student by the Head of English according to the student's grades from Year 11.

English (2ENG)	Page 17
English - Alternative (2ENA)	Page 18
English - Extended (2ENE)	Page 19
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English as an Additional Language (2ENS)	Page 21

LEVEL 2 OPTIONAL SUBJECTS

Every Year 12 student at Botany Downs Secondary College can choose 5 options. Information for these courses can be found on the following pages listed.
Note: some courses can not be taken together. Please check page 4 for details.

Accounting (2ACC)	Page 22
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Physical Education (2PED)	Page 59
Physics (2PHY)	Page 60
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Visual Art - Painting (2ART)	Page 67
Visual Art - Photography (2PHO)	Page 68
Work and Community Skills (2WCS)	Page 69

SCHOOL CONTACTS



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SENIOR LEADERSHIP TEAM

Principal	<i>K. Brinsden</i>
Deputy Principal	<i>K. Holmes</i>
Deputy Principal	<i>M. Hart</i>
Deputy Principal	<i>C. Williams</i>
Deputy Principal	<i>D. McGregor</i>
Deputy Principal	<i>C. Van Kralingen</i>

HEADS OF LEARNING AREAS

English	<i>K. Pinnell</i>
Health and Physical Education	<i>J. Saville</i>
Languages	<i>M. Lodge</i>
Mathematics and Statistics	<i>I. Bennet</i>
Science	<i>L. Kumar</i>
Social Sciences	<i>K. Douglas</i>
Technology	<i>D. Achary</i>
Visual and Performing Arts	<i>J. Hood, L. Treneman, T. Clapperton, A. Rakanui</i>

WHÄNAU HOUSE LEADERS

Blake Whānau	<i>A. Taylor</i>
Britten Whānau	<i>D. McGregor</i>
Discovery Whānau	<i>N. Folks</i>
Endeavour Whānau	<i>V. Darby</i>
Koru Whānau	<i>A. Meldrum</i>
Spirit Whānau	<i>S. Jackson</i>

STUDENT SERVICES

Guidance Counsellors	<i>I. Thomson (Head of Guidance), R. Tucker & S. Domigan</i>
Careers Advisor	<i>A. Brook</i>
Trade Academies/Vocational Pathways	<i>K. Stewart</i>
Gateway	<i>N. Shand-Marcusson</i>

OPTION INFORMATION

The following booklet contains information of the Level 2 programme at BDSC.

- All following subjects will run depending on the number of applicants and availability of staff and facilities (in practical subjects).
- Entry to some courses will be limited.
- Entry to all courses will be at the discretion of the appropriate Head of Learning Area.
- The final selection of standards per subject (worth approx 18-21 credits) will be made by the HOLA from the standards presented in this option booklet.
- The column labelled “CODES” contains:
 - L or N which identifies standards that can contribute to the 10 Numeracy credits and 10 Literacy credits required to achieve NCEA Level 1.
 - R or W which identifies standards that can contribute to the Reading and Writing credits for the University Entrance Literacy requirements.
- Course contributions listed for each subject include resources, activities and trips that are **highly recommended** as being conducive to optimal student learning. Please refer to each individual course descriptor for the compulsory items required for that course.
- NOTE:
 - Can not choose both 2ESS and 2BSS
 - Can not choose both 2FAH and 2TEF
 - Can only do 1 max of 2TEM, 2TET and 2TEF
 - Can only do 2 max of 2DIT, 2DIP and 2TEM/2TET/2TEF
 - Can only do 2 max of 2PHO, 2DES and 2ART (and be wary of a 3rd high internal subject)
 - Can not choose both 2OED and 2ODA
 - Can not choose 2SPS with either 2OED or 2PED

VOCATIONAL PATHWAYS

Vocational Pathways is a Ministry of Education tool that has been developed to help students to plan their journey from secondary learning to the work force. Additional information is available in the Level 1 - 3 information book.



The pathways will help students see how learning is relevant to a wide range of jobs and study options, in six broad sectors of industry:

Construction and Infrastructure Sector,
Services Industries Sector,

Manufacturing and Technology Sector,
Social and Community Services Sector and

Primary Industries Sector,
Creative Industries Sector

VOCATIONAL PATHWAYS AWARDS

In Level 2, students can be awarded a VOCATIONAL PATHWAYS AWARD in a particular sector, i.e. they can be awarded a VOCATIONAL PATHWAYS AWARD IN CREATIVE INDUSTRIES.

Students can gain awards from multiple sectors if they meet the below criteria in each of the multiple sectors.

HOW TO GAIN AN AWARD:

Once a student has gained NCEA Level 2, to get a Vocational Pathways Award, 60 credits must come from standards which are linked to a particular sector *ie the Creative Industries Sector*. At least 20 of those credits must come from SECTOR RELATED standards and the remainder (40 credits) can be from RECOMMENDED standards.

On each option page there is a coloured ticked section indicating which standards relate to which industry sector.

- ✓✓ refers to credits which count towards *SECTOR RELATED STANDARDS* and
- ✓ refers to credits which count towards *RECOMMENDED STANDARDS*.

For example, to be awarded with a VOCATIONAL PATHWAYS AWARD IN CREATIVE INDUSTRIES, a student needs 60 credits from standards which are linked to Creative Industries. At least 20 of these must come from standards which are SECTOR RELATED (double ticked ✓✓ in the yellow Creative Industries column), and the remainder 40 credits must come from standards which are RECOMMENDED (single ticked ✓ in the yellow Creative Industries column). It doesn't matter which subjects these credits came from, as long as they are from the same Sector of Industry.

For example Level 2 Food Technology:

“AS91352 Implement advanced procedures to process a specified product (4 credits)”, has links to 2 sectors; Manufacturing & Technology and Primary Industries. The Manufacturing & Technology has a double tick so its 4 credits will count towards the SECTOR RELATED count for the Manufacturing & Technology Award, but the Primary Industries has a single tick so its 4 credits will count towards the RECOMMENDED count for the Primary Industries Award. This gives the student an idea of the real-world application of the knowledge learnt during this standard as well as contributing to the various Sector Awards credit counts.

STANDARDS						VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91354	Technology 2.1	Undertake brief development to address an issue	Internal	4		✓	✓	✓			✓✓	
AS91356	Technology 2.3	Develop a conceptual design for an outcome	Internal	6		✓	✓	✓			✓✓	
AS91352	Technology 2.61	Implement advanced procedures to process a specified product	Internal	4	L		✓✓	✓				
<i>NCEA External Achievement Standards</i>												
AS91358	Technology 2.5	Demonstrate understanding of how technological modelling supports risk management	External	4		✓	✓					
				<i>Possible Credits Available</i>								
				18 Credits								
						Total recommended ✓ credits						
						14	14	14				
						Total sector related ✓✓ credits						
						4						10

UNIVERSITY ENTRANCE LITERACY - LEVEL 2

Level 2 Assessment Standards that Contribute to University Entrance Literacy Requirements (Updated 2019). **KEY:** IN=Internally assessed standard, EX- Externally assessed standard, Y=Yes, meets UE Literacy requirement for Level 2 Reading or Writing, N=No, does not meet the UE Literacy requirement for Level 2 Reading or Writing.

BDSC Course	ID	Subject reference	Cr	Int/ Ext	Reading	Writing
Art History	91180	Art History 2.1	4	EX	N	Y
	91181	Art History 2.2	4	EX	N	Y
	91182	Art History 2.3	4	EX	N	Y
	91184	Art History 2.5	4	IN	Y	N
Classical Studies	91200	Classical Studies 2.1	4	EX	Y	Y
	91201	Classical Studies 2.2	4	EX	Y	Y
	91202	Classical Studies 2.3	4	IN	Y	N
	91203	Classical Studies 2.4	6	EX	Y	Y
	91204	Classical Studies 2.5	6	IN	Y	N
Drama	91213	Drama 2.1	4	IN	Y	N
	91215	Drama 2.3	4	EX	Y	Y
	91216	Drama 2.4	4	IN	Y	N
	91217	Drama 2.5	4	IN	Y	N
	91218	Drama 2.6	5	IN	Y	N
	91219	Drama 2.7	4	EX	N	Y
	91220	Drama 2.8	4	IN	N	Y
91221	Drama 2.9	4	IN	Y	N	
Economics	91222	Economics 2.1	4	EX	N	Y
	91223	Economics 2.2	4	EX	N	Y
	91224	Economics 2.3	4	EX	N	Y
	91227	Economics 2.6	6	IN	Y	N
	91228	Economics 2.7	4	IN	Y	N

BDSC Course	ID	Subject reference	Cr	Int/ Ext	Reading	Writing
English	91098	English 2.1	4	EX	Y	Y
	91099	English 2.2	4	EX	N	Y
	91100	English 2.3	4	EX	Y	Y
	91101	English 2.4	6	IN	N	Y
	91105	English 2.8	4	IN	Y	N
	91106	English 2.9	4	IN	Y	N
Geography	91240	Geography 2.1	4	EX	Y	Y
	91242	Geography 2.3	4	EX	Y	Y
History	91229	History 2.1	4	IN	Y	N
	91230	History 2.2	5	IN	Y	N
	91231	History 2.3	4	EX	Y	Y
	91232	History 2.4	5	IN	Y	N
	91233	History 2.5	5	EX	Y	Y
	91234	History 2.6	5	EX	Y	Y
Media Studies	91251	Media Studies 2.4	4	EX	Y	Y
Psychology	91844	Psychology 2.1	6	IN	Y	N
	91845	Psychology 2.2	3	IN	Y	N
	91846	Psychology 2.3	5	IN	Y	N
	91847	Psychology 2.4	6	IN	Y	N
	91848	Psychology 2.5	3	IN	Y	N
Reo Māori	91286	Te Reo Māori 2.3	6	EX	Y	N
	91287	Te Reo Māori 2.4	6	IN	N	Y
	91288	Te Reo Māori 2.5	6	IN	N	Y

UNIVERSITY ENTRANCE LITERACY - LEVEL 3

Level 3 Assessment Standards that Contribute to University Entrance Literacy Requirements (Updated 3 April 2018). Y=Yes meets UE requirement N=No does not meet UE requirement

BDSC Course	ID	Subject reference	Cr	Int/ Ext	Reading	Writing
Accounting	91407	Accounting 3.4	5	IN	Y	Y
Art History	91482	Art History 3.1	4	EX	Y	Y
	91483	Art History 3.2	4	EX	Y	Y
	91484	Art History 3.3	4	EX	Y	Y
	91485	Art History 3.4	4	IN	Y	N
	91486	Art History 3.5	4	IN	Y	N
	91487	Art History 3.6	4	IN	Y	N
Biology	91602	Biology 3.2	3	IN	Y	Y
	91603	Biology 3.3	5	EX	Y	Y
	91604	Biology 3.4	3	IN	Y	N
	91605	Biology 3.5	4	EX	Y	Y
	91606	Biology 3.6	4	EX	Y	Y
Business Studies	91379	Business Studies 3.1	4	EX	Y	Y
	91380	Business Studies 3.2	4	EX	Y	Y
	91382	Business Studies 3.4	6	IN	Y	N
	91383	Business Studies 3.5	3	IN	Y	N
	91385	Business Studies 3.7	3	IN	Y	N
Classical Studies	91394	Classical Studies 3.1	4	EX	Y	Y
	91395	Classical Studies 3.2	4	EX	Y	Y
	91396	Classical Studies 3.3	6	EX	Y	Y
	91397	Classical Studies 3.4	6	IN	Y	N
	91398	Classical Studies 3.5	6	IN	Y	N
Dance	91594	Dance 3.7	4	EX	N	Y
Digital Technologies	91632	Digital Techs 3.40	4	EX	Y	Y
	91636	Digital Techs 3.44	4	EX	Y	Y
Drama	91512	Drama 3.1	4	IN	Y	N
	91514	Drama 3.3	4	EX	Y	Y
	91515	Drama 3.4	4	IN	Y	N
	91516	Drama 3.5	4	IN	Y	N
	91517	Drama 3.6	5	IN	Y	N
	91518	Drama 3.7	4	EX	N	Y
	91519	Drama 3.8	5	IN	N	Y
	91520	Drama 3.9	5	IN	Y	N

BDSC Course	ID	Subject reference	Cr	Int/ Ext	Reading	Writing
Economics	91400	Economics 3.2	4	EX	Y	Y
	91401	Economics 3.3	5	IN	Y	N
	91402	Economics 3.4	5	IN	Y	N
	91403	Economics 3.5	6	EX	Y	Y
English	91472	English 3.1	4	EX	Y	Y
	91473	English 3.2	4	EX	N	Y
	91474	English 3.3	4	EX	Y	Y
	91475	English 3.4	6	IN	N	Y
	91479	English 3.8	4	IN	Y	N
Geography	91426	Geography 3.1	4	EX	Y	Y
	91427	Geography 3.2	4	EX	Y	Y
	91429	Geography 3.4	4	EX	Y	Y
	91431	Geography 3.6	3	IN	Y	N
Health Education	91461	Health 3.1	5	IN	Y	N
	91462	Health 3.2	5	EX	Y	Y
	91463	Health 3.3	5	IN	Y	N
	91464	Health 3.4	4	IN	Y	N
History	91434	History 3.1	5	IN	Y	N
	91435	History 3.2	5	IN	Y	N
	91436	History 3.3	4	EX	Y	Y
	91438	History 3.5	6	EX	Y	Y
Statistics	91584	Maths and Stats 3.12	4	EX	N	Y
Media Studies	91493	Media Studies 3.4	3	EX	Y	Y
Physical Education	91502	Physical Ed 3.5	4	IN	Y	N
Psychology	91872	Psychology 3.1	6	IN	Y	Y
	91873	Psychology 3.2	3	IN	Y	Y
	91874	Psychology 3.3	6	IN	Y	Y
	91875	Psychology 3.4	4	IN	Y	Y
	91876	Psychology 3.5	3	EX	Y	N
Reo Māori	91652	Te Reo Māori 3.3	6	EX	Y	N
	91653	Te Reo Māori 3.4	6	EX	N	Y
	91654	Te Reo Māori 3.5	6	IN	N	Y

BDSC COURSE STRUCTURE 2020

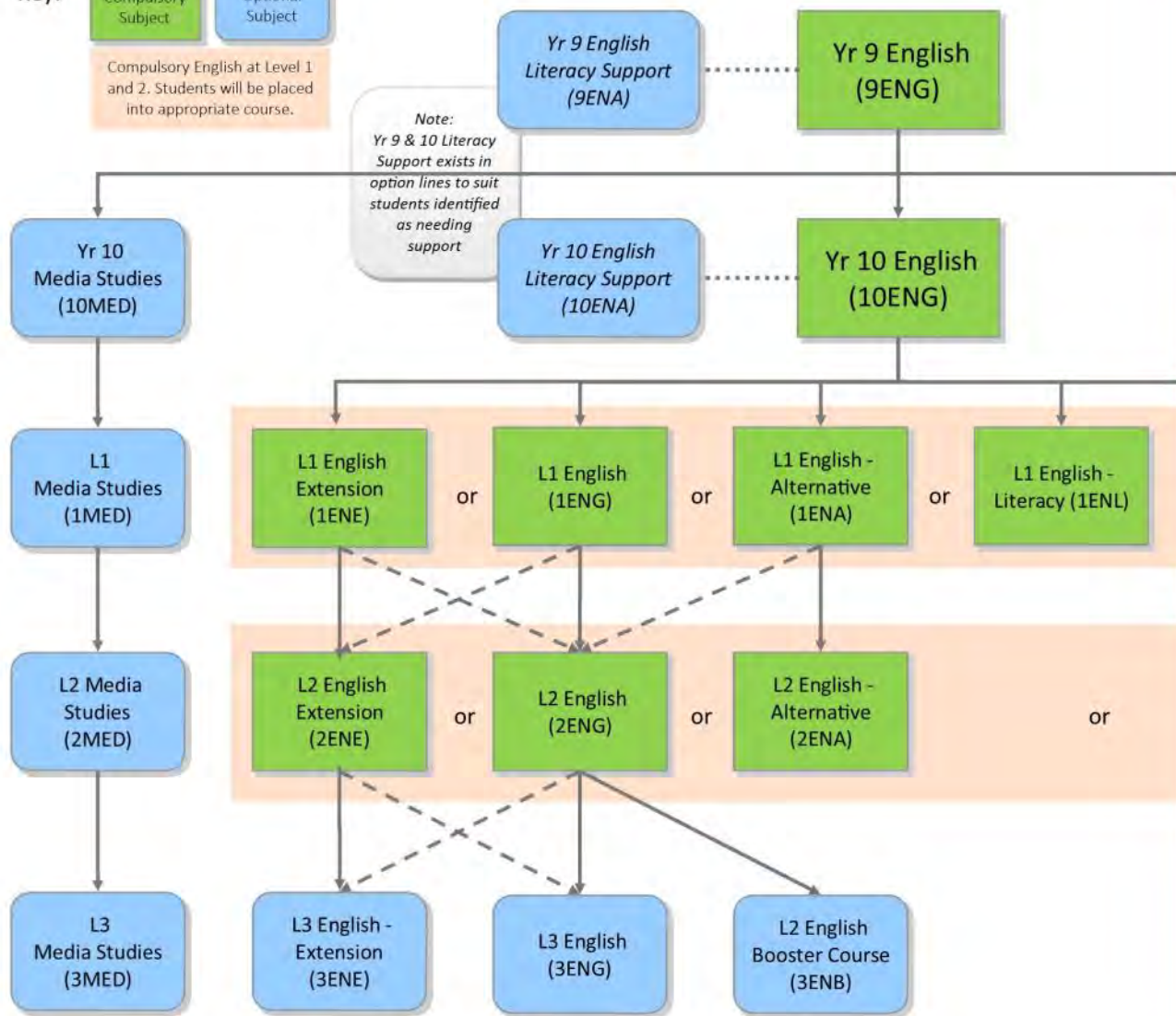
Learning Areas	Year 9	Year 10	Level 1	Level 2	Level 3
English	English (9ENG) English Literacy Support (9ENA) English Language Support (9ELS)	English (10ENG) English Literacy Support (10ENA) Media Studies (10MED) English Language Support (10ELS)	English (1ENG) English - Alternative (1ENA) English - Literacy (1ENL) English - Extension (1ENE) Media Studies (1MED) English as an Additional Language (1ENS) English as an Additional Language (1ENP)	English (2ENG) English - Alternative (2ENA) English - Extension (2ENE) Media Studies (2MED) English as an Additional Language (2ENS) English as an Additional Language (2ENP)	English (3ENG) English Booster Course (3ENB - L2/3 AS) English - Extension (3ENE) Media Studies (3MED) English as an Additional Language (23ENP - L2 AS)
Health & Physical Education	Health & PE (9HPE)	Health & PE (10HPE) Outdoor Leadership (10ODL) Physical Education (10PED)	Active Wellbeing (1AWB) Early Childhood Education (1ECE) Health Education (1HED) Outdoor Education (1OED) Physical Education (1PED)	Early Childhood Education (2ECE) Health Education (2HED) Outdoor Education (2OED) Outdoor Education Alternative (2ODA) Physical Education (2PED) Sports Studies (2SPS)	Early Childhood Education (3ECE) Health Education (3HED) Outdoor Education (3OED) Physical Education (3PED) Sports Studies (3SPS)
Languages	French (9FRE) Japanese (9JAP) Maori (9MAO)	French (10FRE) Japanese (10JAP) Maori (10MAO) Spanish (10SPH)	French (1FRE) Japanese (1JAP) Maori (1MAO) Spanish (1SPH)	Chinese (2CHI) French (2FRE) Japanese (2JAP) Maori (2MAO) Spanish (2SPH)	Chinese (3CHI) French (3FRE) Japanese (3JAP) Maori (3MAO) Spanish (3SPH)
Mathematics	Mathematics and Statistics (9MAT) Mathematics Extension (9MAE)	Mathematics and Stats (10MAT) Mathematics and Stats - Alt (10MNU) Mathematics and Stats - Ext (1MAX) L1 standards for Y10 accelerated students	Mathematics and Statistics - Alt (1MAA) Mathematics and Statistics (1MAT) Maths. and Stats. - Numeracy (1MNU) Mathematics and Statistics - Ext (2MAX) for L1 accelerated students	Mathematics and Statistics - Alt (2MAA) Mathematics and Statistics (2MAT) Mathematics and Statistics - Ext (2MAE) Mathematics for Trades (2MAS) Mathematics and Calculus - Acc (3MAX) for L2 accelerated students	Calculus (3MAC) Calculus - Scholarship (3MCS) Statistics and Probability (3SAP) Statistics and Probability - Alt (3SPA) Mathematics (3MAT)
Science	Science (9SCI)	Science (10SCI) Science - Acc (1SCX) L1 standards for Y10 accelerated students Electronics (10ELE)	Science - Core (1SCI) Science - Alternative (1SCA) Science - Supplementary Science (1SCS)	Biology (2BIO) Chemistry (2CHE) Physics (2PHY)	Biology (3BIO) Chemistry (3CHE) Physics (3PHY)
Social Sciences	Social Studies (9SOS)	Social Studies (10SOS) Ancient Civilisations (10ANC) Business Pathways (10BUP) Investigative Geography (10IGO)	Accounting (1ACC) Business Studies (1BUS) Economics (1ECO) Geography (1GEO) History (1HIS)	Accounting (2ACC) Business Studies (2BUS) Classical Studies (2CLS) Economics (2ECO) Financial Studies (2FIN) Geography (2GEO) History (2HIS) Psychology (2PSY) Travel and Tourism (2TSM)	Accounting (3ACC) Business Studies (3BUS) Classical Studies (3CLS) Economics (3ECO) Financial Studies (3FIN) Geography (3GEO) History (3HIS) Psychology (3PSY) Travel and Tourism (3TSM)
Technology	Design and Visual Com. (9DVC) Food Technology (9TEF) Materials Technology (9MTY) Digital Technology (9DIT)	Design and Visual Com. (10DVC) Digital Technology (10DIT) Food Technology (10TEF) Multi Materials Technology (10TEM) Textiles Technology (10TET)	Digital Technology (1DIT) Design and Visual Com. (1DVC) Food and Hospitality (1FAH) Food Technology (1TEF) Multi Materials Technology (1TEM) Textiles Technology (1TET) Trades Skills (1TSS)	Engineering Skills (2ESS) Building Skills (2BSS) Digital Technology - Programming (2DIP) Digital Technology (2DIT) Design and Visual Com. (2DVC) Food and Hospitality (2FAH) Food Technology (2TEF) Multi Materials Technology (2TEM) Textiles Technology (2TET)	Digital Technology - Programming (3DIP) Digital Technology (3DIT) Design and Visual Com. (3DVC) Food and Hospitality (3FAH) Food Technology (3TEF) Multi Materials Technology (3TEM) Textiles Technology (3TET)
The Arts	Dance (9DAN) Drama (9DRA) Music (9MUS) Visual Art (9ART)	Dance (10DAN) Digital Art (10DRT) Drama (10DRA) Music (10MUS) Visual Art (10ART)	Dance (1DAN) Digital Art (1DRT) Drama (1DRA) Music (1MUS) Visual Art (1ART)	Dance (2DAN) Drama (2DRA) Music (2MUS) Visual Art (2ART) Art History (2ARH) Design (2DES) Photography (2PHO)	Dance (3DAN) Drama (3DRA) Making Music (Practical) (3MUP) Music Studies (3MUS) Visual Art (3ART) Art History (3ARH) Design (3DES) Photography (3PHO)
Vocational & General Courses			Work and Community Studies (1WCS)	Careers Pathways (2CAP) Work and Community Studies (2WCS)	Careers Pathways (3CAP)

ENGLISH FLOWCHART 2020

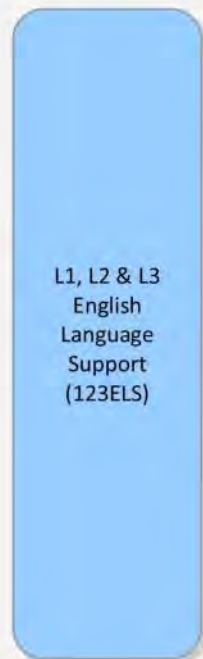
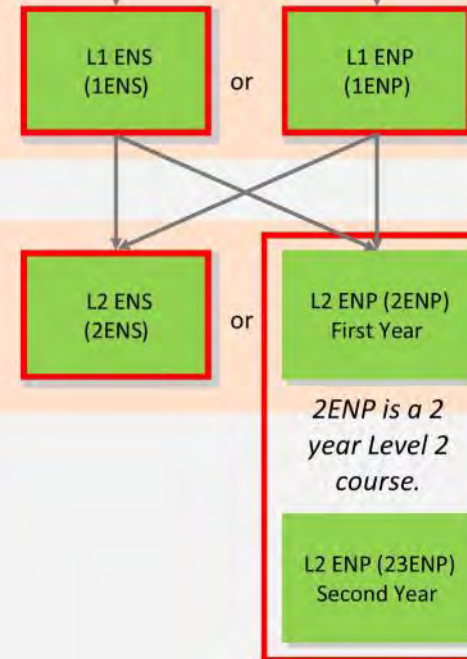
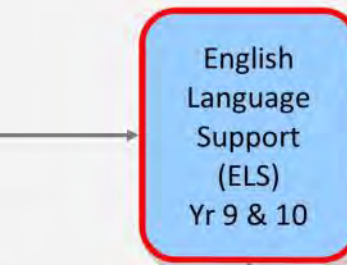
Key: Compulsory Subject Optional Subject

Compulsory English at Level 1 and 2. Students will be placed into appropriate course.

Note: Yr 9 & 10 Literacy Support exists in option lines to suit students identified as needing support



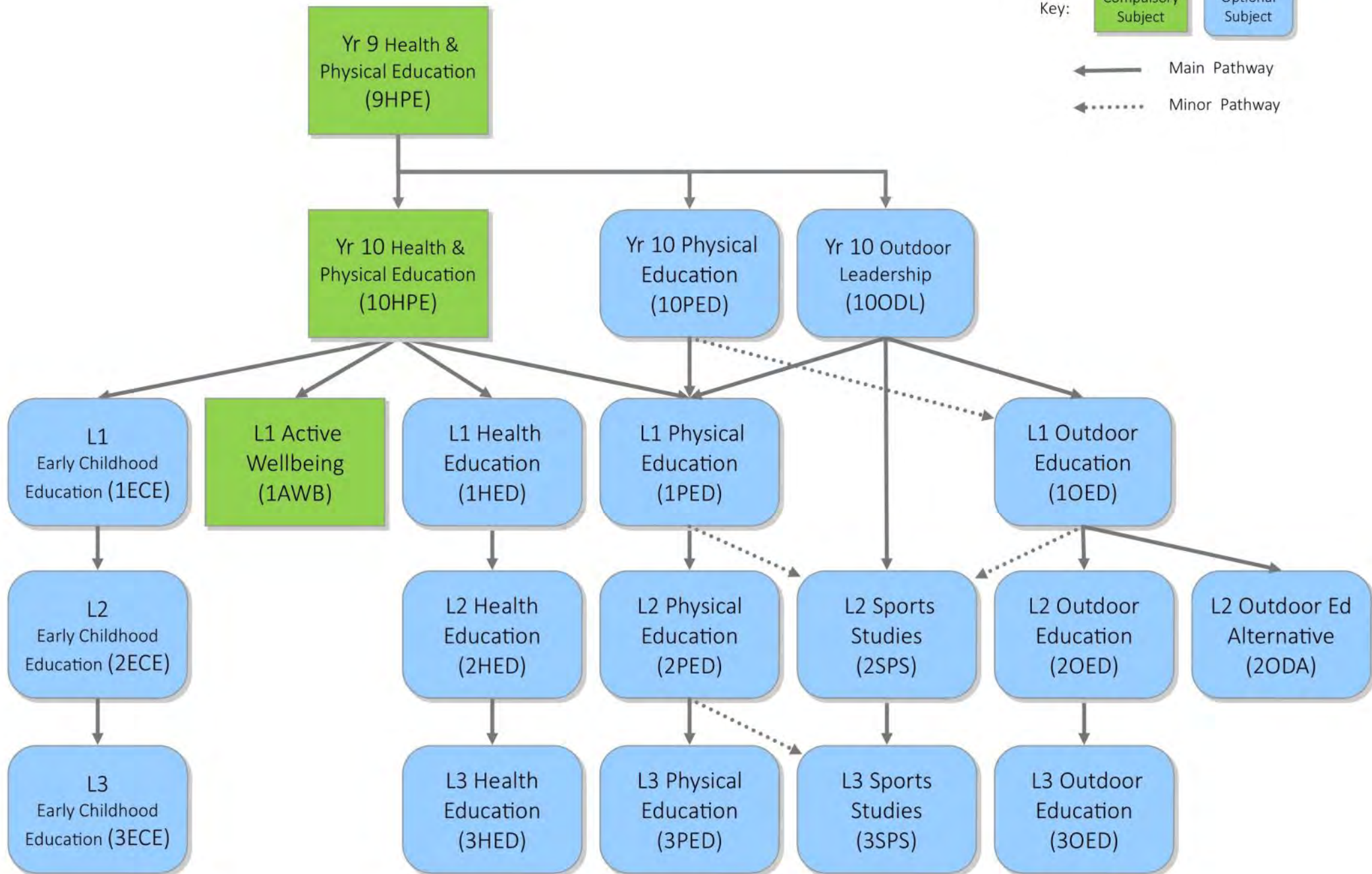
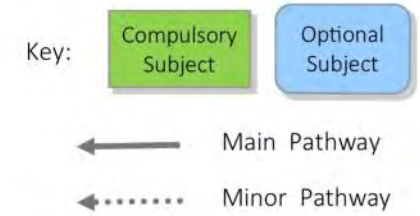
ENGLISH AS ADDITIONAL LANGUAGE (EAL) FLOWCHART 2020



ENGLISH AS AN ADDITIONAL LANGUAGE

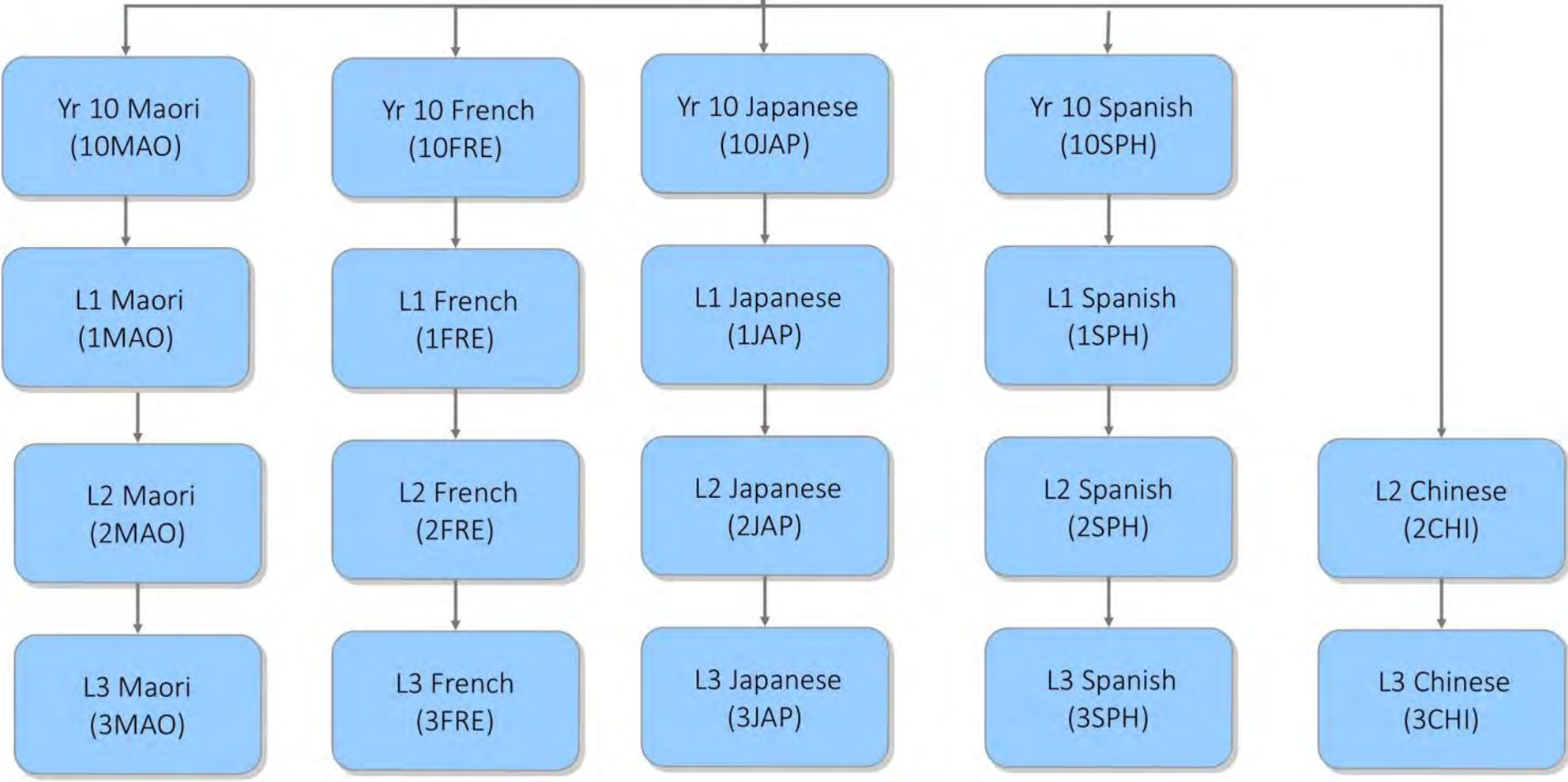
At Year 9 and 10 identified students may be removed from a Year 9 class (ENG, SOS) or a Year 10 option line to attend ELS classes to support their language development.
 At Year 11/12/13 identified students may be placed in ENS or ENP instead of ENG, dependant on the Head of EAL recommendation. Students may be swapped between ENS and ENP depending on the level of English.

HEALTH & PHYSICAL EDUCATION FLOWCHART 2020

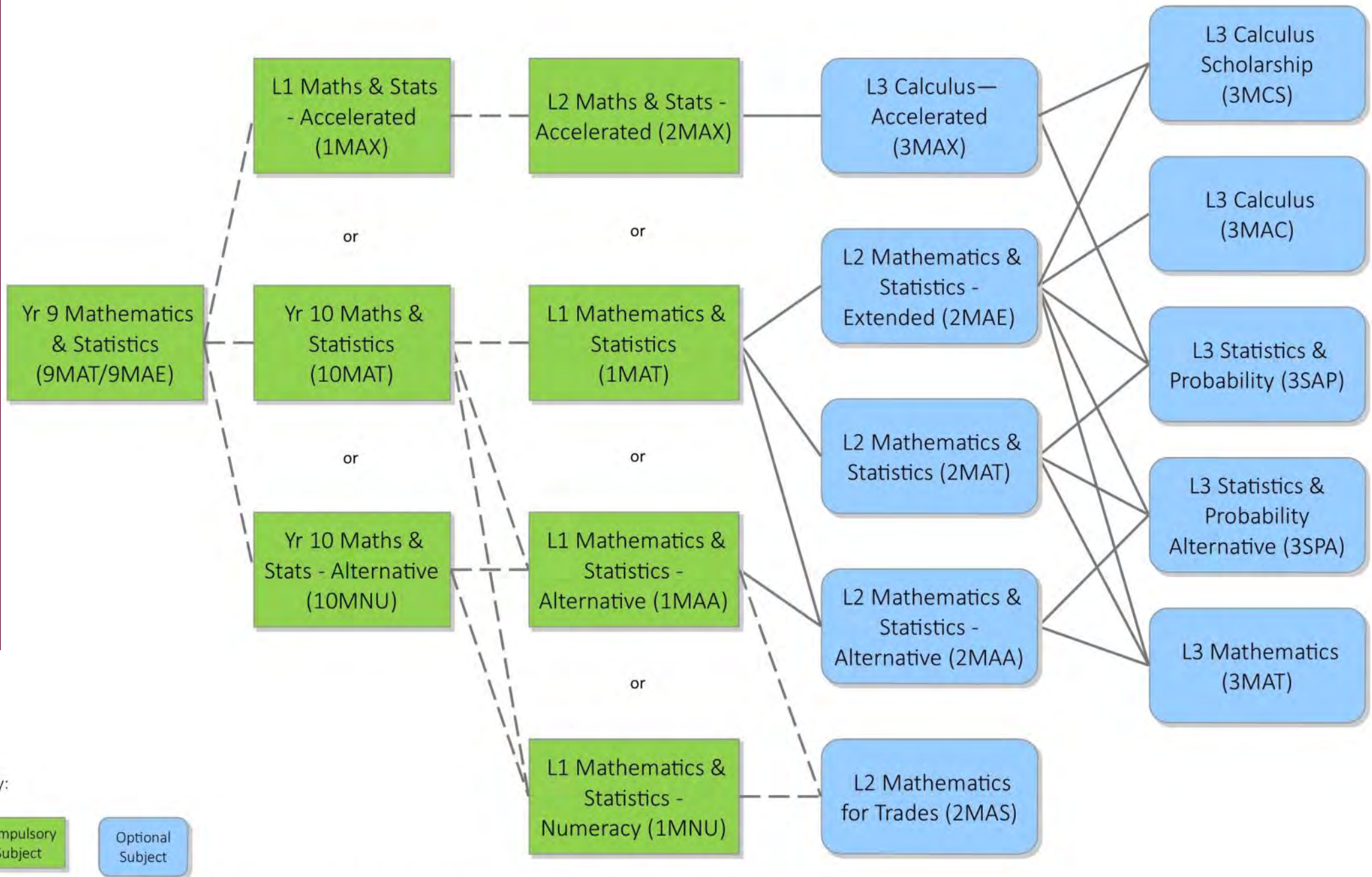


LANGUAGES FLOWCHART 2020

Yr 9 French (9FRE), Japanese (9JAP), or Maori (9MAO)
(2 terms each)

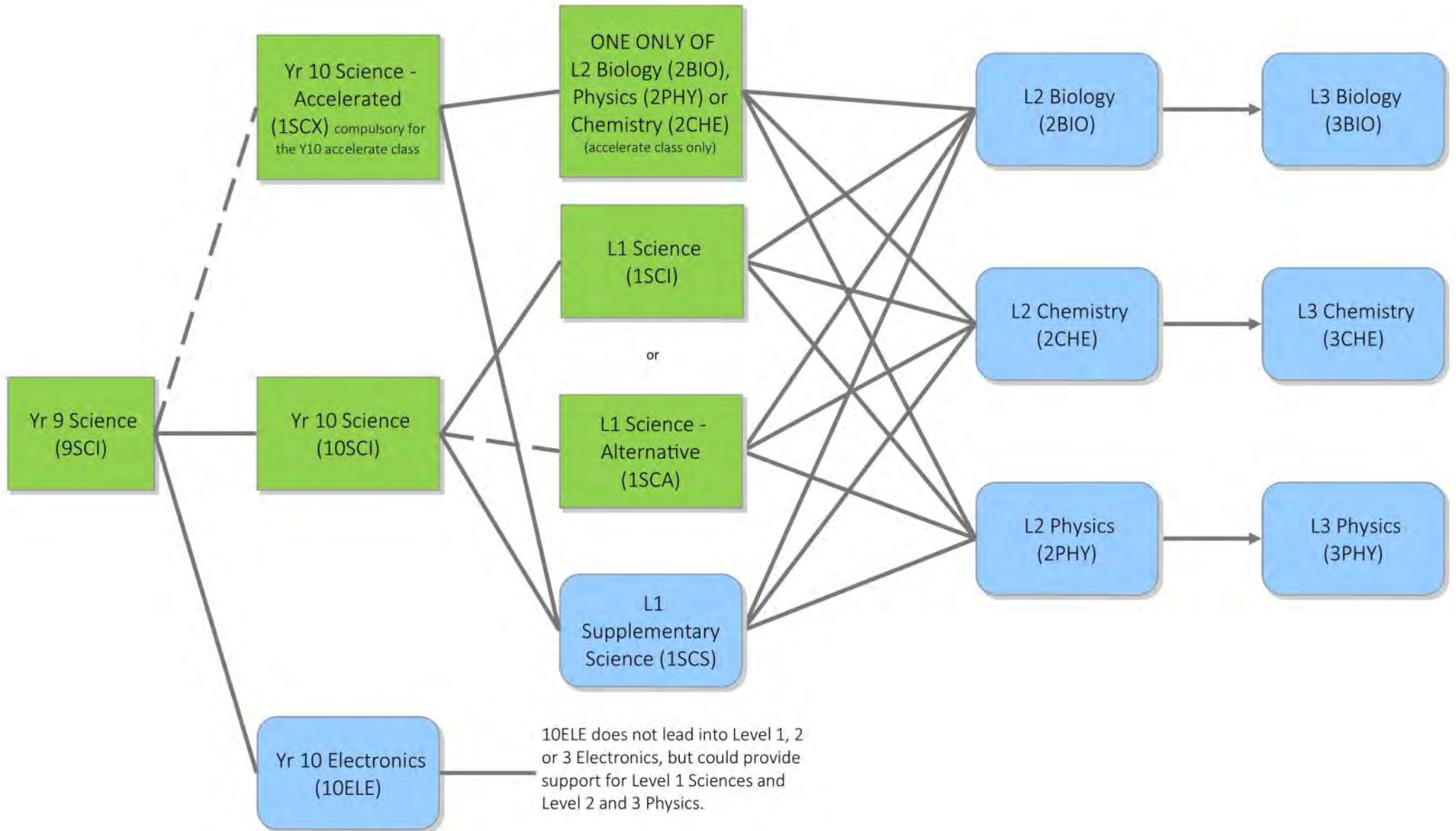


MATHEMATICS & STATISTICS FLOWCHART 2020



Key: Dashed lines refer to courses which are selected for the students by Mathematics staff

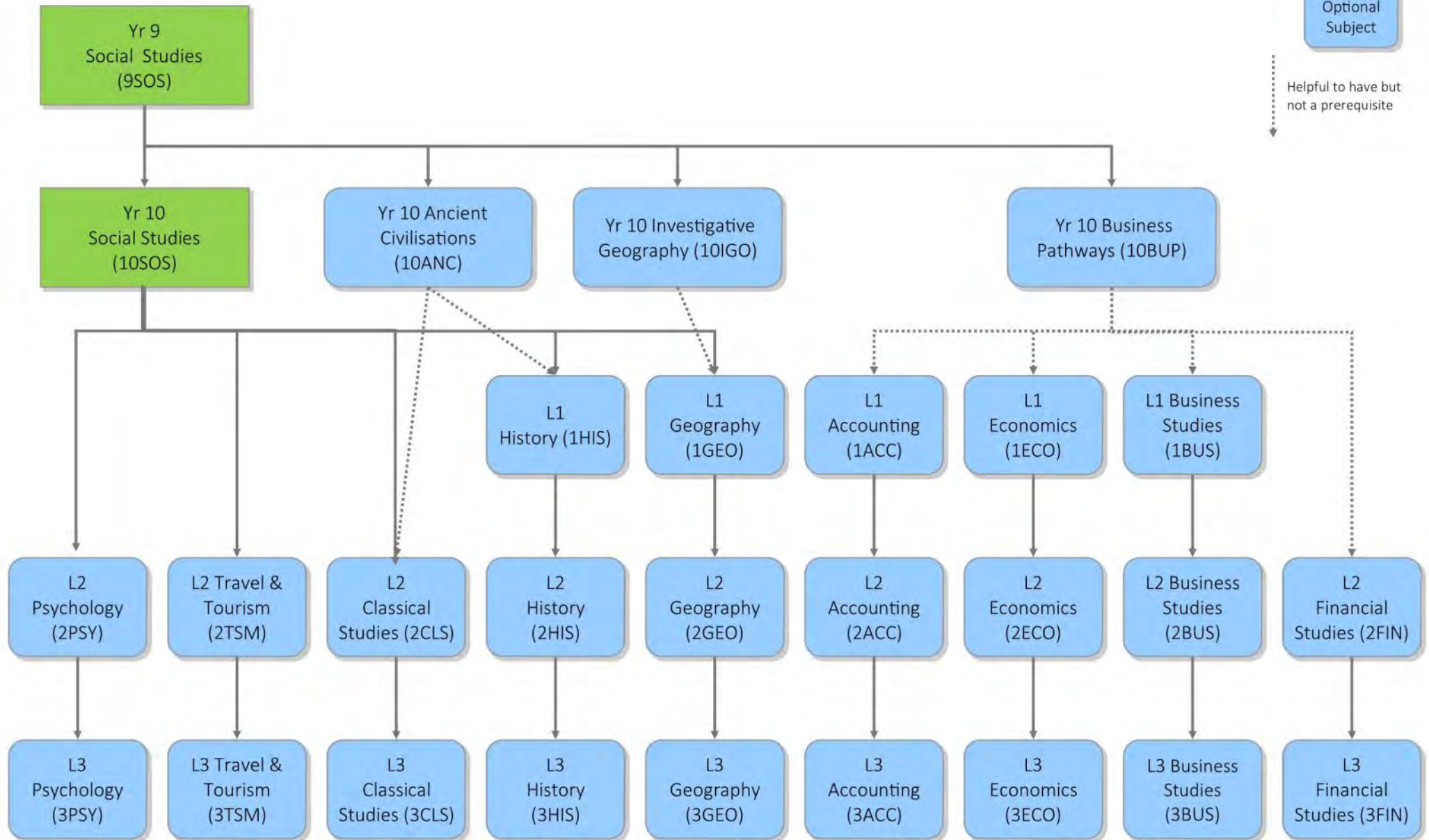
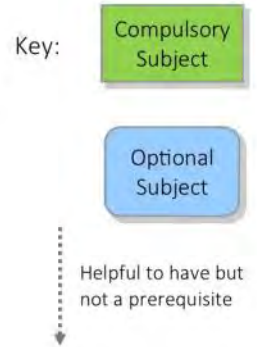
SCIENCE FLOWCHART 2020



Key:

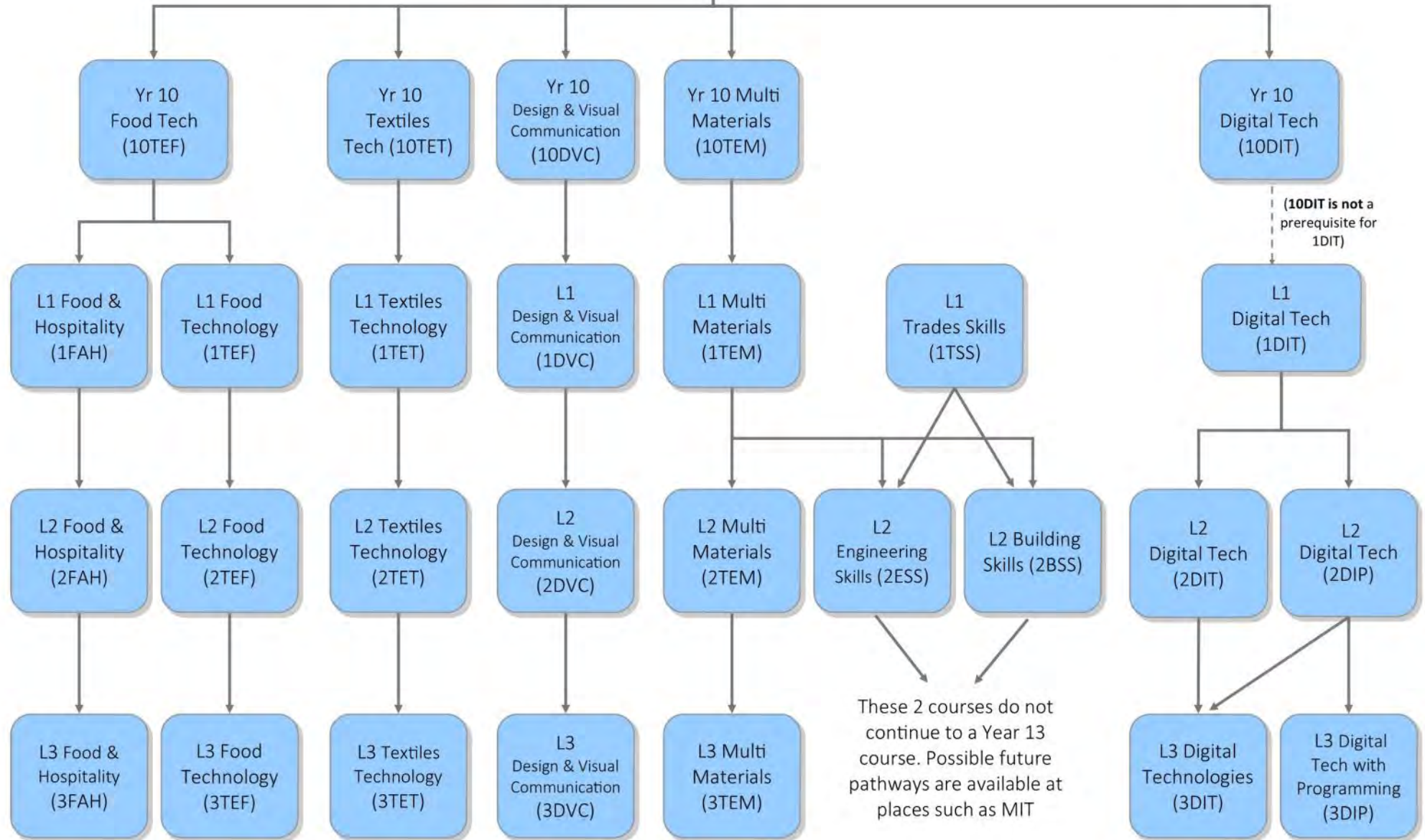
- Compulsory Subject
- Optional Subject
- Main Pathway
- Other Pathway
- - - - - refer to a course which is selected for the students by Science staff

SOCIAL SCIENCES FLOWCHART 2020



TECHNOLOGY FLOWCHART 2020

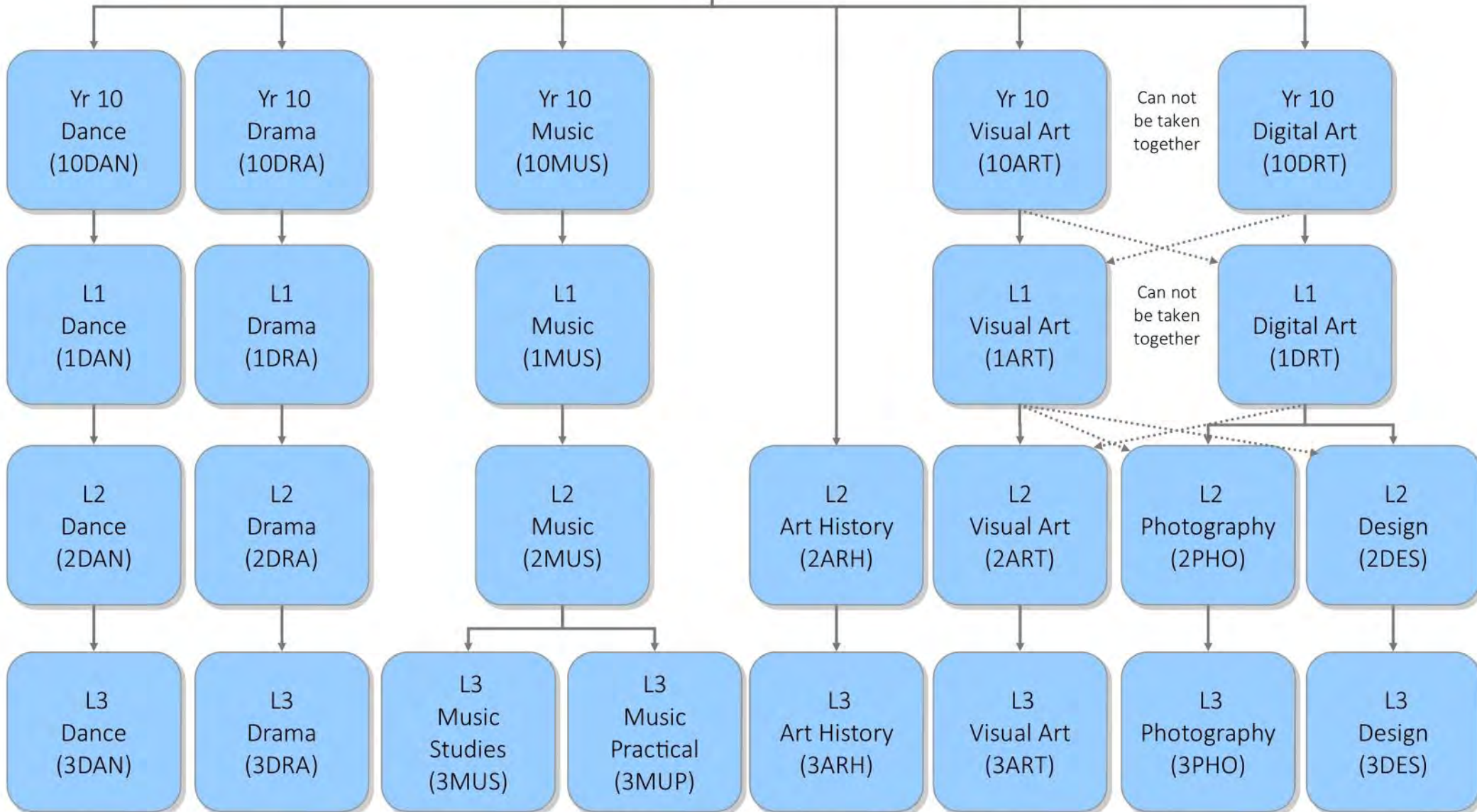
Yr 9 Food Technology (9TEF), Digital Technology (9DIT),
Design & Visual Communication (9DVC), Materials Technology (9MTY) (1 term each)



VISUAL & PERFORMING ARTS FLOWCHART 2020

Yr 9 Dance (9DAN), Drama (9DRA), Music (9MUS), Visual Art (9ART)
(1 term each)

With portfolio application
and HOLA approval
.....▶



ENGLISH (2ENG)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	At least 12 credits from Level One English
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 English
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Servanin
HOLA in charge of subject:	Ms Pinnell

COURSE OUTLINE

English is compulsory at Year 12. There are 5 different Level 2 English courses. Students will be placed into the appropriate course by the Head of English according to the student's performance in Year 11 and teacher recommendation. Students do not choose this placement.

Level 2 English builds on the skills developed in Level 1 English so that students will learn to analyse more complex texts. Students will also develop greater sophistication in using language (verbal and written) for purpose and effect.

For the external assessments students will study written and visual texts. They will develop their essay writing and close reading skills for the three standards assessed in the end of year exam.

For their internal assessments students will investigate a topic and develop a writing portfolio.

All five Achievement Standards offered in this course contribute to University Entrance Literacy requirements.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91101	English 2.4	Produce a selection of crafted and controlled writing	Internal	6	W	✓	✓	✓	✓	✓	✓✓	
AS91105	English 2.8	Use information literacy skills to form developed conclusion(s)	Internal	4	R	✓	✓	✓	✓	✓		
<i>NCEA External Achievement Standards</i>												
AS91098	English 2.1	Analyse specified aspect(s) of studied written texts	External	4	R/W	✓	✓	✓	✓	✓		
AS91099	English 2.2	Analyse specified aspect(s) of studied visual/oral texts	External	4	W	✓	✓	✓	✓	✓		
AS91100	English 2.3	Analyse significant aspects of unfamiliar written texts through close reading	External	4	R/W	✓	✓	✓	✓	✓		
				<i>Possible Credits Available</i>								
				22 Credits								
						22	22	22	22	22	0	
						<i>Total recommended ✓ credits</i>						
						<i>Total sector related ✓✓ credits</i>						

ENGLISH - ALTERNATIVE (2ENA)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Literacy at Level 1 or at discretion of HOLA.
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	N/A
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Servanin
HOLA in charge of subject:	Ms Pinnell

COURSE OUTLINE

English is compulsory at Year 12. There are 5 different Level 2 English courses. Students will be placed into the appropriate course by the Head of English according to the student's performance in Year 11 and teacher recommendation. Students do not choose this placement.

This course is designed for students who need more support to develop their literacy skills. Students will develop confident communication skills and will be provided with opportunities to develop their analysis and essay-writing skills.

Students will study visual texts. Students will also work on research skills and learn to write in a variety of styles.

Placement in this course will be dependent on approval by the Head of Learning or Teacher in Charge.

PLEASE NOTE: This course does NOT offer enough credits to gain University Entrance literacy. It is not suitable for students who wish to go to university.

This course does NOT offer a pathway to Year 13 English. It is not suitable for students who wish to study English in Year 13.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
US2989	-	Select, read and assess texts on a topic	Internal	3							
US3492	-	Write a short report	Internal	3							
US9677	-	Communicate in a team or group which has clear objectives	Internal	3		✓✓					
AS91107	English 2.10	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	Internal	3							✓
<i>NCEA External Achievement Standards</i>											
AS91099	English 2.2	Analyse specified aspect(s) of studied visual/oral texts	External	4	W	✓	✓	✓	✓	✓	
<i>Possible Credits Available</i>			16 Credits								
						<i>Total recommended ✓ credits</i>					
						4	4	4	4	4	3
						<i>Total sector related ✓✓ credits</i>					
						3					

ENGLISH - EXTENDED (2ENE)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	At least 18 credits from Level One English, as well as Achievement with Merit/Excellence in at least three achievement standards (including at least one external achievement standard).
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 English
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Servanin
HOLA in charge of subject:	Ms Pinnell

COURSE OUTLINE

English is compulsory at Year 12. There are 5 different Level 2 English courses. Students will be placed into the appropriate course by the Head of English according to the student's performance in Year 11 and teacher recommendation. Students do not choose this placement, but they can apply for consideration for placement in the Extension class.

Level 2 English Extended is an academic course that builds on the skills developed in Level 1 English. Students will learn to analyse more complex texts and will develop their critical thinking skills. Students will also develop greater sophistication in using language (verbal and written) for purpose and effect.

For the external assessments students will study a range of genres and text types, including a drama text. They will develop their essay writing and close reading skills for the three standards assessed in the end of year exam.

For their internal assessments students will read and respond to a range of texts. Students will also have some agency over which internal assessments they complete; the intention is to allow students to play to their strengths and interests.

Five of the eight Achievement Standards offered in this course contribute to University Entrance Literacy requirements.

The aim of this course is to lay the foundation for Scholarship English, which can be attempted in Year 13 as part of the Level 3 Extension course.

Entry into this course is at HOLA discretion.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91101	English 2.4	Produce a selection of crafted and controlled writing	Internal	6	W	✓	✓	✓	✓	✓	✓✓
AS91104	English 2.7	Analyse significant connections across texts, supported by evidence	Internal	4	L			✓	✓	✓	✓
AS91105	English 2.8	Use information literacy skills to form developed conclusion(s)			R	✓	✓	✓	✓	✓	
AS91102	English 2.5	Construct and deliver a crafted and controlled oral text	Internal	3	L			✓	✓		✓
AS91103	English 2.6	Create a crafted and controlled visual and verbal text			L			✓	✓	✓	✓✓
<i>NCEA External Achievement Standards</i>											
AS91098	English 2.1	Analyse specified aspect(s) of studied written texts	External	4	R/W	✓	✓	✓	✓	✓	
AS91099	English 2.2	Analyse specified aspect(s) of studied visual/oral texts	External	4	W	✓	✓	✓	✓	✓	
AS91100	English 2.3	Analyse significant aspects of unfamiliar written texts through close reading	External	4	R	✓	✓	✓	✓	✓	
				<i>Possible Credits Available</i>							
				25 Credits							
						22	22	22	22	22	7
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					
						9					

ENGLISH as an ADDITIONAL LANGUAGE (2ENP)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	By recommendation of HOD of EAL
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 2 English (23ENP - 2nd year)
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Narain
HOLA in charge of subject:	Mrs Narain

COURSE OUTLINE

English is compulsory at Year 12. There are 5 different Level 2 English courses. Students will be placed into the appropriate course by the Head of English according to the student's performance in Year 11 and teacher recommendation. Students do not choose this placement.

IMPORTANT NOTE: 2ENP is the **first** year of a **two** year course. Students who take 2ENP **must take** 23ENP the following year.

This course builds on 1ENP to provide less proficient students with the skills to complete some of the Level 2 English standards. The focus will be on developing student's speaking, listening, reading and writing with specific focus on improving vocabulary and grammar.

For their external assessments students will complete study on short and extended written texts as well as a visual text and for their internal assessments students will investigate a topic and construct and deliver a crafted and controlled oral text. Standards will be chosen from those listed below to suit the individual students and class. Some will be completed in the first year in 2ENP and the rest will be completed in the second year in 3ENP.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91105	English 2.8	Use information literacy skills to form developed conclusion(s)	Internal	4	R	✓	✓	✓	✓	✓		
AS91101	English 2.4	Produce a selection of crafted and controlled writing	Internal	6	W	✓	✓	✓	✓	✓	✓✓	
AS91102	English 2.5	Construct and deliver a crafted and controlled oral text	Internal	3				✓	✓		✓	
<i>NCEA External Achievement Standards</i>												
AS91098	English 2.1	Analyse specified aspect(s) of studied written text(s), with supporting evidence	External	4	R/W	✓	✓	✓	✓	✓		
AS91099	English 2.2	Analyse specified aspect(s) of studied visual or oral text(s), with supporting evidence	External	4	W	✓	✓	✓	✓	✓		
<i>Possible Credits Available</i>			21 Credits									
						<i>Total recommended ✓ credits</i>	18	18	21	21	18	3
						<i>Total sector related ✓✓ credits</i>					6	

ENGLISH as an ADDITIONAL LANGUAGE (2ENS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	By recommendation of HOD of EAL
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	3ENG, 32ENB
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Narain
HOLA in charge of subject:	Mrs Narain

COURSE OUTLINE

English is compulsory at Year 12. There are 5 different Level 2 English courses. Students will be placed into the appropriate course by the Head of English according to the students performance in Year 11 and teacher recommendation. Students do not choose this placement.

This is a course which offers the opportunity to develop the four skills necessary for English Language Learners. Students will develop skills in reading, writing, speaking and listening through standards which link to NCEA Level 2 English. Study will be similar to that at Level 1. However, literature studied is more advanced and students will need to be able to analyse the texts studied rather than simply describe and explain.

For their external assessments students will complete study on short and extended written texts as well as a visual text. They will develop their essay writing skills for AS2.1 and AS2.2.

For their internal assessments students will investigate a topic and develop a writing portfolio over at least two terms and then from this, publish their two pieces of writing.

Students should also note that entry into Level 3 English, if they wish to continue with the subject after Year 12, requires at least 10 credits (5 reading and 5 writing) including passes in two of the external papers.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91101	English 2.4	Produce a selection of crafted and controlled writing	Internal	6	W	✓	✓	✓	✓	✓	✓✓	
AS91105	English 2.8	Use information literacy skills to form developed conclusion(s)	Internal	4	R	✓	✓	✓	✓	✓		
<i>NCEA External Achievement Standards</i>												
AS91098	English 2.1	Analyse specified aspect(s) of studied written texts	External	4	R/W	✓	✓	✓	✓	✓		
AS91099	English 2.2	Analyse specified aspect(s) of studied visual/oral texts	External	4	W	✓	✓	✓	✓	✓		
<i>Possible Credits Available</i>			18 Credits									
<i>Total recommended ✓ credits</i>						18	18	18	18	18		
<i>Total sector related ✓✓ credits</i>											6	

ACCOUNTING (2ACC)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	12 credits in NCEA Level 1 Accounting
Fieldwork:	N/A
Course Contributions:	Approximately \$40 for workbooks and \$10 for online eStudee subscription (Highly recommended).
Course Leads to:	Mandatory for NCEA Level 3 Accounting, links to all business subjects
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Kaur
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

Level 2 Accounting builds on the foundation that is Level 1 into a course that is both practical and academic. Students will deepen their understanding of accounting as they move their focus to larger entities. They will make use of appropriate communication tools, such as the professional accounting software package MYOB or Xero and their skills, to process, report and interpret information for individuals and sole proprietors that operate accounting sub-systems.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91175	Acc 2.2	Demonstrate understanding of accounting processing using accounting software	Internal	4	N				✓		✓
AS91179	Acc 2.6	Demonstrate understanding of an accounts receivable subsystem	Internal	3	L/N				✓		
AS91386	Acc 2.7	Demonstrate understanding of an inventory subsystem for an entity	Internal	3	L/N				✓✓		
<i>NCEA External Achievement Standards</i>											
AS91176	Acc 2.3	Prepare financial information for an entity that operates accounting subsystems	External	5	N						
AS91177	Acc 2.4	Interpret accounting information for entities that operate accounting subsystems	External	4	L/N						
<i>Possible Credits Available</i>			19 Credits								
						<i>Total recommended ✓ credits</i>					
						4					
						<i>Total sector related ✓✓ credits</i>					
						3					

ART HISTORY (2ARH)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Minimum of 12 Level 1 Literacy credits or HOLA discretion
Fieldwork:	A gallery trip and/or a trip to Auckland University's art history department
Course Contributions:	\$70 for course workbooks (Highly recommended).
Course Leads to:	NCEA Level 3 Art History and Scholarship
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Miss Henshaw
HOLA in charge of subject:	Miss Clapperton

COURSE OUTLINE

Much scholarly debate has been dedicated to the argument 'does art imitate life, or life imitate art?'. Through the study of Art History students will have the opportunity to study works of art in detail, focusing not only on the techniques used to create the work, but also the cultural, social and historical context in which the work was produced. Students will have the opportunity to analyse artistic techniques, research works of art as they appear in their social and environmental contexts, examine subjects and themes in art and develop the analytical skills needed to discuss a given work of art. The contexts studied are within the topic of Western art forms from 20th century Europe.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91183	Art His 2.4	Examine how media are used to create effects in art works	Internal	4	L						✓	
AS91184	Art His 2.5	Communicate understanding of an art history topic	Internal	4	R/L						✓✓	
AS91185	Art His 2.6	Communicate a considered personal response to art works	Internal	4	L						✓	
<i>NCEA External Achievement Standards</i>												
AS91180	Art His 2.1	Examine the effects of formal elements of art works	External	4	W/L						✓✓	
AS91181	Art His 2.2	Examine the meanings conveyed by art works	External	4	W/L				✓		✓	
AS91182	Art His 2.3	Examine the influence of context(s) on art works	External	4	W/L						✓	
<i>Possible Credits Available</i>			24 Credits									
						<i>Total recommended ✓ credits</i>						
						<i>Total sector related ✓✓ credits</i>						

BIOLOGY (2BIO)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Level 1 Science End of Year Progress GPA of 70% or greater OR L1 NCEA SCI GPA of 70% or greater The HOD may grant exemptions on case by case basis.
Course Contributions:	\$20.00 Education Perfect online resource (Highly recommended) \$20 Level 2 Scipad workbook (Highly recommended)
Course Leads to:	NCEA Level 3 Biology (3BIO)
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Devi-Govind
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

Biology is the study of the variety, structure, functions, continuity and interrelationships of living things in nature. This course covers the key basics of cell biology, researching adaptations in animals that enable them to carry out living processes and deepening students understanding of genetics. It provides a wide range of learning experiences which will be of value to all students throughout their lives, and provides a sound foundation to the study of biological and health sciences in the future. The internal assessment component of the course allows students to develop skills to analyse biological validity and also allows them to become familiar with science current affairs with a New Zealand focus. Research skills will also be developed to demonstrate an understanding of adaptations in plants and animals.

It is important to note that this course is a prerequisite for Biology (3BIO).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91154	Biology 2.2	Analyse the biological validity of information presented to the public	Internal	3	L			✓		✓		
AS91155	Biology 2.3	Demonstrate understanding of adaptation of plants and animals to their way of life	Internal	3	L			✓	✓✓	✓✓		
<i>NCEA External Achievement Standards</i>												
AS91156	Biology 2.4	Demonstrate understanding of life processes at the cellular level	External	4	L			✓		✓		
AS91157	Biology 2.5	Demonstrate understanding of genetic variation and change	External	4	L			✓		✓		
AS91159	Biology 2.7	Demonstrate understanding of gene expression	External	4	L			✓		✓		
<i>Possible Credits Available</i>			18 Credits									
								18		15		
									3	3		
						<i>Total recommended ✓ credits</i> <i>Total sector related ✓✓ credits</i>						

BUILDING SKILLS (2BSS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	This course is designed for only those students who are certain that they will be pursuing a building career. All students are interviewed for course placement by the HOLA and TIC.
Fieldwork:	Students will attend MIT Trades Academy every FRIDAY
Course Contributions:	Take home component \$40
Course Leads to:	Building Course at MIT or alternative provider
Course Provider/Assessor:	BCITO, MIT
Teacher in charge of subject:	Mr Achary
,HOLA in charge of subject:	Ms Stewart - Vocational Pathways Manager Mr Achary

COURSE OUTLINE

This course is aimed at students who would like to pursue a career in the building industry. It creates a pathway for students to courses available at MIT. The project provides opportunity for a rich, authentic learning experience for students. Students have the opportunity to plan, sketch, draw, determine quantities, construct and monitor construction. Students will engage in practical building skills as well as researching products and regulations online, planning the building process and studying the building industry. Part of this course will be conducted at Manukau Institute of Technology and students will become part of the TRADES ACADEMY, and will attend MIT EVERY FRIDAY. They will be expected to catch up with lessons missed. All costs associated with attending the Trades Academy will be met by the school.

Maximum numbers in each of these classes will be 20 due to the practical nature of this course and constraints imposed by MIT.

Please note students can NOT take both Engineering Skills (2ESS) and Building Skills (2BSS).

If students are successful in all of the below Standards, and attain one Standard in English, they will be offered one additional standard to complete the 'National Certificate In Building, Construction and Allied Trades Skills Level 2'.

Note: the MIT programme which BDSC elects for the following year is dependent on course availability. It is liable to change, if required.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Unit Standards Taught and Assessed at BDSC</i>											
US12932	Building	Construct timber garden furniture and items of basic construction equipment as a basic BCATS project	Int	8		✓✓					
US24358	Building	Plan and monitor the construction of a BCATS project and quality check the product	Int	2		✓✓					
US24350	Building	Identify, select, use and maintain portable power tools for BCATS projects	Int	6		✓✓					
<i>NCEA Internal Unit Standards Taught and Assessed at MIT</i>											
US12927	Building	Identify, select, maintain and use hand tools for BCATS projects	Int	6		✓✓					
US24354	Building	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	Int	4		✓✓					
US24360	Building	Demonstrate knowledge of timber and other construction materials used in a BCATS projects	Int	5		✓✓		✓			
US12935	Building	Construct a spaced residential timber deck up to one metre high as a BCATS project	Int	8		✓✓					
US12939	Building	Construct basic edge retaining walls as a BCATS project	Int	4		✓✓					
				<i>Possible Credits Available</i>							
				43Credits							
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					
						43		5			

BUSINESS STUDIES (2BUS)

COURSE INFORMATION

Qualification and level: NCEA Level 2
 Course Prerequisites: 12 NCEA credits at Level 1 Business Studies (including one external) and the required Literacy and Numeracy Credits at NCEA Level 1 or at the discretion of HOD Commerce.
 Fieldwork: In this Business Studies activity you will be carrying out and reviewing a business activity in groups and with guidance and direction from your teacher. You will be working with your group for approximately 9 weeks and your progress will be checked at several points.
 Course Contributions: Approximately \$30 for an EOTC trip
 Course Leads to: This course provides students with the skills and content knowledge to continue with Level 3 Business contributing credits to NCEA Level 3.
 Course Provider/Assessor: Botany Downs Secondary College
 Teacher in charge of subject: Mr Sharma
 HOLA in charge of subject: Miss Douglas

COURSE OUTLINE

Business education enables students to experience the realities of business through a practical approach. Theory is supported through the application of knowledge and skills in a real business setting. This course aims to develop essential skills necessary for running and managing a small business. It is not necessary to have studied Business Studies previously. This course prepares students to continue in this field of study at NCEA Level 3. For more information regarding this course and progression through to tertiary education, please see Mr Sharma.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS90846	Business Studies 2.4	Conduct market research for a new or existing product	Internal	3	L/N			✓			✓	
AS90848	Business Studies 2.6	Carry out, review and refine a business activity within a community context with guidance	Internal	9	L						✓	
<i>NCEA External Achievement Standards</i>												
AS90843	Business Studies 2.1	Demonstrate an understanding of internal operations in a large business	External	4	L			✓	✓			
AS90844	Business Studies 2.2	understanding of how a large business responds to the effects of external factors	External	4	L			✓	✓			
				<i>Possible Credits Available</i>								
				20 Credits								
				<i>Total recommended ✓ credits</i>				11	8		12	
				<i>Total sector related ✓✓ credits</i>								

CALCULUS - ACCELERATED (3MAX)

COURSE INFORMATION

Qualification and level:	NCEA Level 3
Course Prerequisites:	Merit or better in AS 2.6 - Algebra , AS 2.7 - Calculus and Merit or better in AS 2.4 Trigonometry or AS 2.2 Graphs.
Fieldwork:	N/A
Course Contributions:	Workbook \$35, FX9750GII Casio Graphic calculator -approximately \$120 is compulsory Scholarship workbook – approximately \$25
Course Leads to:	This course will lead to University courses in engineering, sciences and any field where mathematical analysis is important.
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Hu
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

This NCEA Level 3 course will assess all five Calculus Level 3 Achievement Standards giving a total of 24 credits. The aims of the standards are to consolidate and extend students' ability in algebraic, graphical and computations skills, to formulate problems in mathematical terms and advance students' understanding of the nature of mathematical reasoning. This highly academic course also enables students to work towards scholarship level.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91587	Mathematics 3.15	Apply systems of simultaneous equations in solving problems	Internal	3		✓	✓	✓			
AS91575	Mathematics 3.3	Apply trigonometric methods in solving problems	Internal	4		✓	✓				
<i>NCEA External Achievement Standards</i>											
AS91577	Mathematics 3.5	Apply the algebra of complex numbers in solving problems	External	5							
AS91578	Mathematics 3.6	Apply differentiation methods in solving problems	External	6		✓	✓	✓		✓	
AS91579	Mathematics 3.7	Apply integration methods in solving problems	External	6		✓	✓	✓			
<i>Possible Credits Available</i>				24 Credits							
						22	22	18	6		
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

CAREER PATHWAYS (2CAP)

COURSE INFORMATION

Qualification and level:	Level 2
Course Prerequisites:	NCEA Level 1, with Literacy. Approval for participation in this course MUST be given by the TIC, Ms Stewart. All students are interviewed for course placement. The TIC may grant exemptions on a case by case basis. (Referrals through SLT or Whanau Leaders.)
Fieldwork:	A work experience placement through the Gateway programme may be undertaken during the year. Students selected will be required to complete 30-40 hours of unpaid work experience in a relevant setting during the April or July holidays.
Course Contributions:	N/A
Course Leads to:	Knowledge on employment, apprenticeship, or further education.
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in Charge of subject:	Ms Stewart (Vocational Pathways Manager)
HOLA in charge of subject:	-

COURSE OUTLINE

The Career Pathways course is a generic vocational programme designed to equip students with vocational direction and knowledge which is useful to enter the work force. The course is designed to provide support and guidance as students explore their future job or career pathways. The content of this course is customised according to the needs of the cohort. There is an emphasis on reading and writing in these unit standards.

Please note: *This subject is NOT a university approved subject.*

All students will be considered for the **Gateway programme** as part of their course. Selection and work placements will vary, depending on students interests and the availability of places. Gateway provides valuable on-the-job learning opportunities whilst allowing students to make significant progress towards qualifications.

These work placements are in the holidays, which occur over the school year. Total commitment to the work placement is expected and completion of the book work is required.

Students who are successful in being selected for the Gateway programme will gain additional credits through this work experience programme, and units will be determined by the type of placement undertaken. Gateway provides opportunities in a range of fields including, but not limited to: Retail, Hospitality, Banking, Fashion, Hair and Beauty, Automotive, Electrical, Health and Child Care.

STANDARDS

Standards for this course are likely to be selected from those listed below.

However, these will be at the discretion of the TIC and could include alternative standards that are not listed below..

Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS					VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Unit Standards</i>											
US12383	-	Explore career options and their implications	Internal	3							
US62	-	Maintain personal presentation and a positive attitude in a workplace	Internal	3				✓	✓✓		
US4252	-	Produce a personal targeted C.V.	Internal	2							
US12355	-	Describe stress and ways of dealing with it	Internal	3							
US12349	-	Demonstrate knowledge of time management	Internal	3		✓✓					
US4253	-	Demonstrate knowledge of job search skills	Internal	3							
				<i>Potential Credits Available</i>							
				17 Credits							
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					
						3		3			

CHEMISTRY (2CHE)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Level 1 Science End of Year Progress GPA of 70% or greater OR L1 NCEA SCI GPA of 70% or greater The HOD may grant exemptions on case by case basis.
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 3/Year 13 Chemistry
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Sharma
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

Chemistry is the study of the nature and behaviour of substances. The study of chemistry helps everyone understand the modern world (e.g. paints, plastics, food additives, fuels, agriculture, etc.); it is also an important science for the future study of life/health sciences, or engineering.

This is a practically-based course intended to develop the skills and knowledge appropriate to the study of chemistry. Contexts that are relevant to students will be used throughout.

Level 2 Chemistry is essential to underpin Level 3 Chemistry. Students must obtain achievement in two of the three external papers and two of the three internal assessments to get into Level 3.

Both Level 2 and Level 3 Chemistry require strength in calculations (use of numbers and rearrangement of memorised formulae). Students require a good ability in written English as explanations and discussions of chemical concepts are essential.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91161	Chemistry 2.1	Carry out quantitative analysis	Internal	4	N	✓	✓	✓		✓	
AS91167	Chemistry 2.7	Demonstrate understanding of oxidation-reduction	Internal	3		✓	✓	✓		✓	
<i>NCEA External Achievement Standards</i>											
AS91164	Chemistry 2.4	Demonstrate understanding of bonding, structure and energy changes	External	5	L	✓	✓	✓		✓	
AS91165	Chemistry 2.5	Demonstrate understanding of the properties of selected organic compounds	External	4	L	✓	✓	✓	✓	✓	
AS91166	Chemistry 2.6	Demonstrate understanding of chemical reactivity	External	4	L	✓	✓	✓	✓✓	✓	
<i>Possible Credits Available</i>			20 Credits								
						23	23	23	4	23	0
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

CHINESE (2CHI)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Entry by application or interview
Fieldwork:	Possible trip to a Chinese restaurant \$25
Course Contributions:	\$10 for workbook (Highly recommended)
Course Leads to:	This course provides students with the skills and content knowledge to continue with Level 3 Chinese contributing credits to NCEA Level 3
Course Provider/Assessor:	Botany Down Secondary College
Teacher in charge of subject:	Mrs Kuang
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

This course encourages effective communication in listening and responding, speaking and presenting, interacting, reading/viewing and writing in Chinese.

Students can understand and produce complex language in a variety of text types in Chinese. They can use Chinese variably and effectively to express and justify their own ideas and opinions and support and challenge those of others. They are able to use and identify the linguistic and cultural forms that guide interpretation and enable them to respond critically to texts. By the end of Year 12, students will have presented for assessment in 19 credits of NCEA Level Two. Topics studied may include:

- Living in New Zealand
- School and education
- Culture and Festivals
- Film study
- Study skills

Applications and more information can be obtained from Mrs Kuang.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91110	Chinese 2.2	Give a spoken presentation in Chinese that communicates information, ideas and opinions	Internal	4							
AS91112	Chinese 2.5	Write a variety of text types in Chinese to convey information, ideas, and opinions in genuine contexts	Internal	5							
<i>NCEA External Achievement Standards</i>											
AS91108	Chinese 2.1	Demonstrate understanding of a variety of spoken Chinese texts on familiar matters	External	5					✓		
AS91111	Chinese 2.4	Demonstrate understanding of a variety of written and/or visual Chinese text(s) on familiar matters	External	5					✓✓		
				<i>Possible Credits Available</i>							
				19 Credits							
						<i>Total recommended ✓ credits</i>					
						0	0	0	5	0	0
						<i>Total sector related ✓✓ credits</i>					
						0	0	0	5	0	0

CLASSICAL STUDIES (2CLS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	14 credits in one of NCEA Level 1 Achievement Standards: History or English (including at least a pass in the external History standard AS91005) <u>or</u> (at least a Merit in <u>one</u> external English standard AS90849, AS90850, AS90851).
Fieldwork:	Classics Schools' Day Sessions \$17-23 (optional)
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 Classical Studies and Scholarship
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Mihajlov
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

Classical Studies is the holistic study of the ancient Greek civilisation. It covers philosophy, art, architecture, society, politics, drama, literature and history. Level 2 Classical Studies focuses on introducing the ancient world to students and developing the skills necessary to study ancient history. This involves looking at all aspects of a society in order to piece together what life, beliefs, and values would have been like, of the people of that time, alongside the major historical events of the period. Level 2 Classical Studies focuses on the 'Golden Age' of Greece - 5th Century BCE Athens. The course begins with an introductory Greek history topic. This is followed by the Socio-Political topic in which we learn about the life, society, and political developments of Athens in the 5th Century BCE. The Greek Drama topic focuses on the playwright Sophocles and his two most famous plays Oedipus the King and Antigone. The other topic that may be covered during the year is Art and Architecture of 5th Century BCE Athens.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91202	Classical Studies 2.3	Examine a significant event in the classical world	Internal	4	R/L						✓
AS91204	Classical Studies 2.5	Demonstrate understanding of the influence of aspects of the classical world on other cultures	Internal	6	R/L						✓
<i>NCEA External Achievement Standards</i>											
AS91200	Classical Studies 2.1	Examine ideas and values of the classical world	External	4	R/W/L						✓
AS91201	Classical Studies 2.2	Examine the significance of features of work(s) of art in the classical world	External	4	L						✓✓
AS91203	Classical Studies 2.4	Demonstrate understanding of socio-political life in the classical world	External	6	R/W/L						✓
<i>Possible Credits Available</i>			24 Credits								
						<i>Total recommended ✓ credits</i>					20
						<i>Total sector related ✓✓ credits</i>					4

DANCE (2DAN)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Level 1 Dance, 8 credits in NCEA Level 1 English
Fieldwork:	\$40
Course Contributions:	\$50 - Guest tutors
Course Leads to:	NCEA Level 3 Dance
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Rakanui
HOLA in charge of subject:	Mrs Rakanui

COURSE OUTLINE

The Level 2 Dance course will focus on composition and performance. Dance is a subject which explores a range of dance techniques, Choreography and Dance theories. Dance at Level 2 is both physically demanding and mentally challenging. Students are required to dance and complete a logbook. The Level 2 Dance programme has a strong choreographic focus: students will have an opportunity to choreograph junior classes. Students will develop a range of dance techniques (such as Contemporary dance, Pacifica dance, NZ Dance, etc) from a variety of sources, as well as a broad range of choreographic tools for dance making. Students are required to rehearse as part of their on-going homework in this subject. Students will be required to view a minimum of two live dance performances.

Students will complete 18-22 of the internal credits available, and 4 external credits.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS							
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure	Construction & Technology	Engineering & Manufacturing Industries	Primary Industries	Service Industries	Community Services	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>													
AS91205	Dance 2.1	Choreograph a group dance to communicate an intention	Internal	4									✓
AS91206	Dance 2.2	Choreograph a solo dance to communicate an intention	Internal	4									✓
AS91207	Dance 2.3	Perform an ethnic or social dance	Internal	4									✓✓
AS91208	Dance 2.4	Perform a theatre dance to communicate understanding of the dance	Internal	4									✓✓
AS91209	Dance 2.5	Perform a repertoire of dance	Internal	6									✓
<i>NCEA External Achievement Standards</i>													
AS91211	Dance 2.7	Provide an interpretation of a dance performance with supporting evidence	External	4	L								✓
				<i>Possible Credits Available</i>									
				26 Credits									
						<i>Total recommended ✓ credits</i>							
						8							
						<i>Total sector related ✓✓ credits</i>							
						18							

DESIGN AND VISUAL COMMUNICATION (2DVC)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	At least 12 credits in NCEA Level 1 Design and Visual Communication or HOLA discretion
Fieldwork:	N/A
Course Contributions:	Students are to provide their own drawing instruments.
Course Leads to:	NCEA Level 3 Graphics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Achary
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course will build on the experiences of Level 1 Design and Visual Communication and will enable students to apply their acquired knowledge to a selection of challenging design briefs. These design opportunities will enable students to explore areas that better suit their interests and strengths. Students will choose from one of the following design areas: Spatial or Product Design. The units of work are planned to enable students to achieve in both the internal and external achievement standards through varied and realistic problem solving involving design, drawing, modelling, presenting, testing and evaluation.

It is important to note that this course is a prerequisite if students are intending to take DVC in Year 13 next year.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS 91341 AS91342	AS 2.34 or 2.35	Develop a spatial or Product design through graphics practice	Internal	6		✓✓	✓				✓
AS91343	2.36	Use visual communication techniques to compose a presentation of a design	Internal	4		✓✓	✓				✓✓
<i>NCEA External Achievement Standards</i>											
AS91337	AS2.30	Use visual communication techniques to generate design ideas	External	3		✓✓	✓	✓			✓✓
AS91338	AS 2.31	Produce working drawings to communicate technical details of a design	External	4		✓✓	✓✓	✓			✓
AS91339	AS 2.32	Produce instrumental perspective projection drawings to communicate design ideas	External	3		✓✓	✓✓				✓
<i>Possible Credits Available</i>			20 Credits								
						Total recommended ✓ credits	13	7			13
						Total sector related ✓✓ credits	20	7			7

DIGITAL TECHNOLOGIES WITH INFORMATION SYSTEMS (2DIT)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	10 credits in NCEA Level 1 DIT or See Head of DIT for accessing online courses to meet prerequisites.
Fieldwork:	N/A
Course Contributions:	\$10 Online course, \$10 USB memory stick (Highly recommended)
Course Leads to:	Level 3 Digital Technologies
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Patchigalla
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course is designed to consolidate and develop advanced skills in Digital Technologies, Web and print, knowledge of design principles, and the technological process. Students will acquire a range of practical skills and demonstrate these using various multimedia and software applications as required to produce a solution for a project. Software used will include Photoshop, Illustrator, phpMyAdmin, Notepad++ or similar applications. The students will learn and implement advanced tools and techniques in HTML5/CSS3 for web development, PHP and MySQL for database development.

There will be a focus on digital media and information systems including web-design, and software integration using a database and develop an understanding of information systems.

Please note students can only take a maximum of two subjects from 2DIT, 2DIP, and one of 2TEM/2TET/2TEF

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS							
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure	Construction & Technology	Manufacturing & Industries	Primary Industries	Service Industries	Community Services	Social & Community	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>													
AS91356	Digital Technologies 2.3	Develop a conceptual design for an outcome	Internal	6		✓	✓	✓					✓✓
AS91368	Digital Technologies 2.41	Implement advanced procedures to produce a specified digital information with dynamically linked data (Not available to student who also chooses 2DIP)	Internal	6			✓✓						✓
AS91369	Digital Technologies 2.42	Demonstrate understanding of advanced concepts of digital media (only available to student who also chooses 2DIP)	Internal	4			✓✓						✓✓
AS91370	Digital Technologies 2.43	Implement advanced procedures to produce a specified digital media outcome	Internal	4			✓✓						✓✓
<i>NCEA External Achievement Standards</i>													
AS91367	Digital Technologies 2.40	Demonstrate understanding of advanced concepts of information systems used to managed shared information	External	3	L		✓✓	✓					
<i>Possible Credits Available</i>			17-19 Credits										
						Total recommended ✓ credits		6	6	9			6
						Total sector related ✓✓ credits			17				14

DIGITAL TECHNOLOGIES WITH PROGRAMMING (2DIP)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	10 credits in NCEA Level 1 Digital Technologies including the Programming standard (91076) or See Head of DIT for accessing online courses to meet prerequisites.
Fieldwork:	N/A
Course Contributions:	\$10 Online course, \$10 USB memory stick (Highly recommended)
Course Leads to:	Continue toward NCEA level 3 Digital Technologies or programming
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Patchigalla
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course is a progression from Level 1 Digital Technologies. This is a challenging course designed for students particularly interested in software programming and computer science concepts and have an interest in software development as a career option or tertiary study. The topics that we will cover are program planning, development, database, and website design.

Software used will include Photoshop, phpMyAdmin, Notepad++ or similar applications, Python IDE. The students will learn and implement advanced tools and techniques in HTML5/CSS3 for web development, PHP and MySQL for database development, Python for implementing an advanced computer programme. They will also develop understanding of advanced computer science concepts including data representation, encoding and human computer interaction.

Please note students can only take a maximum of two subjects from 2DIT, 2DIP, or one of 2TEM/2TET/2TEF.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure & Construction	Technology & Manufacturing	Primary Industries	Service Industries	Community Services	Social & Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91368	Digital Tech 2.41	Implement advanced procedures to produce a specified digital information with dynamically linked data	Internal	6			✓✓				✓
AS91372	Digital Tech 2.45	Construct a plan for an advanced computer program for a specified task	Internal	3			✓✓				✓
AS91373	Digital Tech 2.46	Construct an advanced computer program for a specified task	Internal	3			✓✓				✓
AS91378	Digital Tech 2.51	Implement procedures for administering a local area network	Internal	4			✓✓				
<i>NCEA External Achievement Standards</i>											
AS91371	Digital Tech 2.44	Demonstrate understanding of advanced concepts from computer science	External	4	L		✓✓				✓
<i>Possible Credits Available</i>			20 Credits								
						<i>Total recommended ✓ credits</i>		6		16	
						<i>Total sector related ✓✓ credits</i>		20			

DRAMA (2DRA)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	14 credits in NCEA Level 1 Drama Achievement Standards or HOD approval
Fieldwork:	Students see at least two productions in preparation for the external exam – productions and costs to be advised
Course Contributions:	\$40
Course Leads to:	NCEA Level 3 and Scholarship Drama
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Hood
HOLA in charge of subject:	Ms Hood

COURSE OUTLINE

Drama: Fun, exciting, interesting, practical and varied. Within drama you will not only study the craft of acting and theatre, you will also learn extremely valuable transferrable skills for example – collaboration, recall, empathy, analysis, evaluation, deconstruction of a given subject and construction of performance pieces. It is a fantastic course which helps you develop your confidence and communication skills and has advantages for college, university and future employment. Drama leads to University Entrance and will give you a grounding in skills that you can use in a number of curriculum areas, whilst supporting your career aspirations.

This course is a progression from Level 1 Drama, however we have had students be successful in Drama who have joined the course at Level 2 at the discretion of the Head of Drama. The course provides an opportunity to use and explore the elements, conventions, techniques and technologies of Drama, both in process and in performance work. You will rehearse and perform works in a range of dramatic forms. Class work consists mainly of group work, and it is important for you to work co-operatively. In Level 2 Drama you are required to become more independent and critical in your choices and analysis of Drama, both theoretically and practically. Taking Drama develops your ability to think creatively and apply this thinking in practical ways, find solutions to practical and technical problems and to present yourself with confidence. It encourages leadership skills and collaborative skills. You will find ample opportunities to challenge yourself in practical tasks and in your response to the work of theatre practitioners and professional performers. Please be aware that most Achievement Standards will be assessed during public evening performances. Line learning is a fundamental skill required for this course and this is a transferable skill across all your subjects in preparation for examinations. You will be expected to see at least two live professional theatre performances during the year. You will require black loose pants, black plain long sleeve top and black canvas shoes for this course.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91213	Drama 2.1	Apply drama techniques in a scripted context	Internal	4	R/L						✓✓
AS91214	Drama 2.2	Devise and perform a drama to realise an intention	internal	5	L						✓✓
AS91216	Drama 2.4	Perform features of a complex drama/theatre form	Internal	4	R/L						✓✓
AS91217	Drama 2.5	Examine the work of a playwright	Internal	4	R/L						✓
AS91218	Drama 2.6	Perform a substantial acting role in a scripted production	Internal	5	R/L						✓
AS91220	Drama 2.8	Script a scene suitable for drama performance	Internal	4	W/L						✓
AS91221	Drama 2.9	Direct a scene for drama performance	Internal	4	R/L						✓
<i>NCEA External Achievement Standards</i>											
AS91215	Drama 2.3	Discuss a drama/theatre form or period with reference to text	External	4	R/W/L						✓
AS91219	Drama 2.7	Discuss drama elements, techniques, conventions and technologies within a performance	External	4	W/L						✓✓
<i>Possible Credits Available</i>			20 Credits								
<i>Total recommended ✓ credits</i>											21
<i>Total sector related ✓✓ credits</i>											17

EARLY CHILDHOOD EDUCATION (2ECE)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Interest in ECE / Early Childhood Education career pathways
Fieldwork:	Visit to early childhood centres
Course Contributions:	N/A
Course Leads to:	3ECE
Course Provider/Assessor:	MIT
Teacher in charge of subject:	Mrs McGregor
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

This Level 2 Early Childhood Education course at Year 12 level introduces students to the education and care of young children in early childhood education settings. This course aims to prepare students to advance into higher level early childhood education and care. Ideally students should have some contact with a young child as the course requires observations and play activity experience with the child. An enthusiastic, positive and caring attitude, as well as good management and organisational skills are necessary components for success in this course.

If you are a Year 12 student wanting to do Early Childhood Education for the first time select 2ECE.

If you are a Year 12 student wanting to do Early Childhood Education for the second time (ie you completed 1ECE) you should select 3ECE. This is a Level 3 course. Please note these Level 3 credits count towards level 2 NCEA.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
US29852	ECE Level 2	Demonstrate knowledge of the basic needs and nutrition that support young children	Internal	4						✓✓	
US29853	ECE Level 2	Demonstrate knowledge of health issues and services	internal	3						✓✓	
US29854	ECE Level 2	Describe personal and environmental hygiene and safety practices in an ECE service	Internal	2						✓✓	
US29855	ECE Level 2	Describe attachment relationships and strategies	Internal	3						✓✓	
US29856	ECE Level 2	Describe and demonstrate care practices	Internal	2						✓✓	
US29859	ECE Level 2	Describe values and beliefs that inform own personal approach to the learning and care of young children	Internal	4						✓✓	
US29861	ECE Level 2	Identify and describe agencies/services available in the community	Internal	3						✓✓	
<i>Possible Credits Available</i>			No more than 20 Credits								
<i>Total recommended</i>			✓ credits								
<i>Total sector related</i>			✓✓ credits							21	

ECONOMICS (2ECO)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	12 credits in NCEA Level 1 Economics (including one external) or at the discretion of Head of Commerce .
Fieldwork:	Trip to Rotorua, Gold mines
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 Economics. Links to all Business Subjects
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Sharma
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

The course focuses on the three key economic concerns; Inflation, Trade, Inequality and Economic Growth. These tricky issues, that governments must face, are investigated in a clear concise manner using economic models, economic theory and data. In addition, the policies that governments implement to deal with economic issues are also analysed. While developing economic literacy, the course develops an array of central learning skills. Students will become literate, numerate and be able to articulate an economic point of view. The internal assessment requires the investigation of an economic issue, where students will need to analyse and interpret economic data.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

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STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91227	Economics 2.6	Analyse how Government Policy and contemporary issues interact	Internal	6	R/L						
AS91226	Economics 2.7	Analyse a contemporary economic issue of special interest using economic concepts and models	internal	4	R/L/N						
<i>NCEA External Achievement Standards</i>											
AS91222	Economics 2.1	Analyse inflation using economic concepts and models	External	4	W/L				✓		
AS91223	Economics 2.2	Analyse international trade using economic concepts and models	External	4	W/L			✓	✓		
AS91224	Economics 2.3	Analyse Economic Growth using economic concepts and models	External	4	L				✓		
<i>Possible Credits Available</i>			22 Credits								
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

ENGINEERING SKILLS (2ESS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Students who have completed a course in Level 1 Technology or Graphics. All students are interviewed for course placement by the HOLA, TIC and VP Manager.
Fieldwork:	MIT TRADES ACADEMY EVERY FRIDAY, across the school year.
Course Contributions:	Take home component \$80
Course Leads to:	Certificate in Automotive Engineering and the introduction to other Engineering fields.
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Jowers-Wilding Ms Stewart - Vocational Pathways Manager
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course is aimed at students who would like to further their skills in the areas of Automotive and General Engineering. It is also aimed at students who are interested in a career path related to Automotive and a wide range of Engineering fields. Part of this course will be conducted at Manukau Institute of Technology. Students become part of TRADES ACADEMY, and attend MIT EVERY FRIDAY. They will be expected to catch up with lessons missed. All costs associated with the Trades Academy will be met by the school.

The course contains Level 2 unit standards in the areas of Automotive and Engineering. As part of the course students will learn about two stroke and four stroke petrol and diesel engines, along with the functions of the motor vehicle and its main components. Oxy-acetylene welding and engineering skills are also part of the course.

Maximum numbers in each of these classes will be 20 due to the practical nature of this course and constraints imposed by MIT.

Please note students can NOT take both Engineering Skills (2ESS) and Building Skills (2BSS).

This is not a university approved course.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

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STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Unit Standards Taught and Assessed at BDSC</i>											
2395	-	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	Int	4			✓✓	✓			
2396	-	Demonstrate and apply knowledge of the selection, use, and care of portable hand-held engineering power tools	Int	4			✓✓	✓			
4435	-	Select, use, and care for engineering dimensional measuring equipment	Int	3			✓✓				
4436	-	Select, use, and care for engineering marking-out equipment	Int	3			✓✓				
<i>NCEA Internal Unit Standards Taught and Assessed at M.I.T</i>											
21674	-	Demonstrate knowledge of terminology used in the motor industry	Int	2			✓✓				
21669	-	Demonstrate knowledge of hand tools and workshop equipment for motor industry applications	Int	2			✓✓				
16113	-	Demonstrate a knowledge of safe working practices in an automotive workshop	Int	2			✓✓				
231	-	Explain the operation of two and four stroke petrol and diesel engines	Int	4			✓✓				
21691	-	Disassemble and reassemble a single cylinder or multi-cylinder four stroke engine under supervision	Int	2			✓✓				
21690	-	Perform general servicing checks on a motor vehicle	Int	3			✓✓	✓			
21671	-	Carry out general engineering tasks in the motor industry	Int	4			✓✓				
233	-	Service an automotive battery	Int	2			✓✓				
<i>Possible Credits Available</i>			35 Credits								
						<i>Total recommended ✓ credits</i>					
						11					
						<i>Total sector related ✓✓ credits</i>					
						38					

ENGLISH LANGUAGE SUPPORT (2ELS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	By recommendation of HOD of EAL
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Narain
HOLA in charge of subject:	Mrs Narain

COURSE OUTLINE

This is an **English Language** (EL) Unit Standard Course.

2ELS is a mixed year level course which aims to provide further opportunities to English Language students in their acquisition of the language. Senior students who need to develop their proficiency in English may be offered a place on this course at the recommendation of the HOD EAL. The focus will be on improving vocabulary and grammar, and developing skills in speaking, listening, reading and writing. The course is in addition to any English NCEA Achievement Standard course.

Unit Standards are internally assessed.

Unit Standards will be selected from the list below to suit the needs of individual students, at the discretion of the HOD EAL.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
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VOCATIONAL PATHWAYS

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STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
US 31006	ELS Level 2	Read and understand a range of straightforward written texts	Int	5							
US 27999	ELS Level 2	Write a simple connected text on a familiar topic	Int	5							
US 31026	ELS Level 2	Present information on an familiar topic	Int	5							
US 30980	ELS Level 2	Demonstrate understanding of straightforward spoken text on a familiar topic	Int	5							
<i>Possible Credits Available</i>				20 Credits							
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

FINANCIAL STUDIES (2FIN)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	75 credits at level 1 - including 12 credits in mathematics or at the discretion of HOD Commerce.
Fieldwork:	Field trip venue and costs to be confirmed
Course Contributions:	\$20 for online FLP learning resource
Course Leads to:	NCEA Level 3 Financial Studies
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Sharma
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

Financial Literacy Program is a well-established teen relevant programme. The programme consists of nine modules, investigation, various topics from saving to credit and borrowing to taxation, banking and budgeting. The focus is on: Individual circumstances; Acceptance of personal responsibility; A life cycle approach to planning and goal setting; Financial decisions and consequences; Building up personal equity; Encouraging personal financial security. It is not necessary to have studied Commerce subjects previously.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

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STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure & Construction	Technology & Manufacturing	Primary Industries	Service Industries	Community Services	Social & Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
28091	-	Produce a balanced budget for a family for personal financial management	Internal	3							
28092	-	Demonstrate knowledge of income for personal financial management	Internal	3							
28093	-	Make an informed decision relating to personal income and evaluate its consequences	Internal	2							
28096	-	Demonstrate an understanding of Personal insurance options	Internal	3					✓✓		
28095	-	Demonstrate knowledge of banking products and services for personal financial management	Internal	3					✓✓		
28094		Set a personal Financial goal and plan its implementation	Internal	3							
28097	-	Set a complex Personal financial goal and plan its implementation	Internal	3					✓✓		
<i>Possible Credits Available</i>			20 Credits								
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					
						9					

FOOD & HOSPITALITY (2FAH)

COURSE INFORMATION

Qualification and level:	Level 2
Course Prerequisites:	Successful completion of year 11 TEF or FAH or a minimum of 14 credits in NCEA Technology level 1
Fieldwork:	N/A
Course Contributions:	\$120 (basic course ingredients to be supplied, students may also be asked to bring food items), Competition \$25(optional)
Course Leads to:	Hospitality trade - Cookery and Food Beverage Service
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Thomson
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course gives a general introduction into the areas of food safety and hygiene, cookery, barista and restaurant service and includes several practical components. Students will be given the opportunity to examine areas of professional cookery as a career that could also lead to tertiary study.

Students need to have a genuine interest in working with food and be highly organised in the management of their time and practical preparations. A commitment to food service outside normal class time will also be expected.

Please note students can not take both Food & Hospitality (2FAH) and Food Technology (2TEF) unless given approval from the HOD (this will be granted on a case by case bases).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure & Construction Technology	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
US167	Food Safety	Practice food safety methods in a food business	Internal	4					✓✓			
US13285	Cookery	Handle and maintain knives in a commercial kitchen	Internal	2					✓✓			
US13276	Cookery	Cook food items by grilling	Internal	2					✓✓			
US13283	Cookery	Prepare salads in a commercial kitchen	Internal	2					✓✓			
US17285	Food & Bev	Demonstrate knowledge of coffee equipment and recipes	Internal	4					✓✓			
US14436	Food & Bev	Provide table service in a commercial hospitality environment	Internal	4					✓✓			
				<i>Possible Credits Available</i>								
				18 Credits								
				<i>Total recommended ✓ credits</i>								
				<i>Total sector related ✓✓ credits</i>					18			

FOOD TECHNOLOGY (2TEF)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	A minimum of 14 credits in NCEA Technology or HOLA approval.
Fieldwork:	As may be required—travel costs not included
Course Contributions:	\$120 (basic course ingredients to be supplied students may also be asked to bring food items); Competition \$25 (optional)
Course Leads to:	NCEA Level 3 Technology
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Thomson
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course follows on from NCEA Level 1 Food Technology and is based on the Technology Curriculum. It is assessed against four Technology Achievement standards. It provides the opportunity for students to gain 18 credits at Level 2. There is no examination; however three of the Achievement Standards will be assessed internally and the other one will be assessed through external marking. Students will use a technological approach to develop innovative and creative problem solving skills. Practical skills in a wide range of materials are encouraged along with the learning of techniques and processes.

It is important to note that this course is a prerequisite if students are intending to take Food Technology in Year 13 next year. Please note students can not take both Food & Hospitality (2FAH) and Food Technology (2TEF) unless given approval from the HOD (this will be granted on a case by case bases).

Please note students can choose only one from of the following Technology options: 2TEM, 2TET, 2TEF. Please note students can only take a maximum of two subjects from 2DIT, 2DIP, and one of 2TEM/2TET/2TEF.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91354	Technology 2.1	Undertake brief development to address an issue	Internal	4		✓	✓	✓			✓✓
AS91357	Technology 2.4	Develop effective development to make and trial a prototype	Internal	6		✓	✓✓	✓			✓
AS91352	Technology 2.61	Implement advanced procedures to process a specified product	Internal	4	L		✓✓	✓			
<i>NCEA External Achievement Standards</i>											
AS91358	Technology 2.5	Demonstrate understanding of how technological modelling supports risk management	External	4		✓	✓				
<i>Possible Credits Available</i>			18 Credits								
						<i>Total recommended ✓ credits</i>					
						14	8	14			6
						<i>Total sector related ✓✓ credits</i>					
							10				4

FRENCH (2FRE)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Student must sit all standards and obtain at least 10 credits in NCEA Level 1 French including AS90881 (Reading). An interview may be required at the discretion of the TIC.
Fieldwork:	Possible NZAFT writing and speaking competitions Restaurant outing.
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 French
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Killip
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

"To learn a language is to have one more window from which to look at the world." (Chinese proverb)

This course builds students' confidence to express and exchange ideas to establish real communication in French. Students will gain the skills to express opinions, to present facts and arguments on a range of topics talking about them and their place today's world, such as health, relationships, trends, cinema, fashion, French-speaking countries.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91120	French 2.2	Give a spoken presentation in French that communicates information, ideas and opinions	Internal	4							
AS91122	French 2.5	Write a variety of text types in French for genuine contexts	Internal	5							
<i>NCEA External Achievement Standards</i>											
AS91118	French 2.1	Demonstrate understanding of a variety of spoken French texts on familiar matters	External	5					✓		
AS91121	French 2.4	Demonstrate understanding of a variety of written/visual French text(s) on familiar matters	External	5					✓✓		
<i>Possible Credits Available</i>			19 Credits								
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

GEOGRAPHY (2GEO)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	14 credits in NCEA Level 1 Geography or English (Achievement Standards) or History
Fieldwork:	Fieldtrips will be a component of this course.
Course Contributions:	Geography skills book \$29. Fieldwork expenses: \$50 estimated costs
Course Leads to:	NCEA Level 3 Geography and Scholarship
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Miss Brodie
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

Geography examines contemporary landscapes, issues and patterns. It encourages students to understand their world and the space around them; how it was and is being formed and how people interact with their environment; to be able to write about this planet that we live on. To do this we use a wide range of resources and skills including maps, statistics, GIS, photographs, team work, field work, data presentation and report writing.

The Level 2 Geography course will include investigations into the reasons for disparities in development between different countries; the urban environment we live in and a study of a major overseas natural landscape—the River Nile drainage basin, a large part of the rapidly progressing African continent. Field work will be undertaken to support class work.

The achievement standards that will be offered for assessment will be selected from those listed below and will offer students a total of between 18 and 21 credits. Not all achievement standards listed will be offered.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91241	Geography 2.2	Demonstrate geographic understanding of an urban pattern	Internal	3	L	✓			✓✓		
AS91244	Geography 2.5	Conduct geographic research with guidance	Internal	5	L/N				✓		✓
AS91245	Geography 2.6	Explain aspects of a contemporary geographic issue	Internal	3	L				✓	✓	✓
AS91246	Geography 2.7	Explain aspects of a geographic topic at a global scale	Internal	3	L			✓	✓		
AS91247	Geography 2.8	Apply spatial analysis, with guidance, to solve a geographic problem	Internal	3	L/N			✓	✓		
<i>NCEA External Achievement Standards</i>											
AS91240	Geography 2.1	Demonstrate geographic understanding of a large natural environment	External	4	R/W/L			✓	✓✓		
AS91242	Geography 2.3	Demonstrate geographic understanding of differences in development	External	4	R/W/L				✓	✓	
AS91243	Geography 2.4	Apply concepts and geographic skills to demonstrate understanding of a given environment	External	4	L	✓		✓	✓		
<i>Possible Credits Available</i>			29 Credits								
						<i>Total recommended ✓ credits</i> 7 14 19 7 8					
						<i>Total sector related ✓✓ credits</i> 7					

HEALTH EDUCATION (2HED)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	15 credits in NCEA Level 1 Health Education or TIC/HOLA approval (Students are expected to have gained Merit in English 1.1 or 1.2 external exams)
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 Health Education Career Pathways in the Health Sector
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Leidh
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Level 2 Health Education builds on the knowledge that students have gained in Level 1 Health Education, further developing their ability to think critically about situations that impact well-being for individuals, other people, relationships, and whole communities. Students will examine adolescent health-related situations from a personal, interpersonal and societal perspective, considering the influences, consequences and strategies for enhancing well-being.

The topics covered in Level 2 Health Education will be related to mental health and resiliency, gender and sexuality, health promotion within the community, and current adolescent health issues. Students will explore the value of social justice (what is fair, inclusive and non-discriminatory) in situations related to gender and sexuality, take health-promoting action to enhance well-being within the community, and evaluate factors that influence people's resiliency and ability to manage change. Learning will take place through interactive group work, class and group-based brainstorming and discussions, collaborative and independent research tasks, and written tasks.

The knowledge and skills developed through the Level 2 Health Education course will strengthen students understanding of the underlying health concepts, and enhance their Health Education literacy skills, including writing and research skills and their ability extract information from resource material. The Level 2 Health Education course also provides a pathway for further study at NCEA Level 3 Health Education or tertiary study related to social and health sciences.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91237	Health 2.3	Take action to enhance an aspect of people's well-being within the school or wider community	Internal	5	L				✓	✓✓	
AS91239	Health 2.5	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	Internal	5	L			✓		✓✓	
AS91236	Health 2.2	Evaluate factors that influence people's ability to manage change	Internal	5	L			✓	✓	✓✓	
<i>NCEA External Achievement Standards</i>											
AS91235	Health 2.1	Analyse an adolescent health issue	External	5	L			✓	✓	✓	
				<i>Possible Credits Available</i>							
				20 Credits							
				<i>Total recommended ✓ credits</i>							
				<i>Total sector related ✓✓ credits</i>							
								15	15	5	
										15	

HISTORY (2HIS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	14 credits in <u>one</u> of NCEA Level 1 Achievement Standards: History or English or Geography (including at least a pass in the external History standard AS91005) <u>or</u> (at least a Merit in <u>one</u> external English standard AS90849, AS90850, AS90851).
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 History
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Sequeira
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

In Level 2 History the student is introduced to some major factors that have shaped today's world: nationalism, international relations, the search for security, government and political change. At this level students explore issues at greater depth and with more historical insight than during the previous year. Their investigations will often take them further in time – to the nineteenth century and in place to the Pacific, Asia and Europe. In Level 2 History, students will discover that while the past cannot be changed, the way it is viewed can and does change in the light of new evidence, new concerns in society and differing perspectives. History teaches students the skills of essay writing, interpreting cartoons, graphs, debating issues and learning research skills. These skills are helpful for tertiary education and for future careers in many fields eg, law, medicine, journalism and marketing. Themes will be the following: Nazi Germany and /or The Holocaust, and New Zealand Search for Security (Vietnam).

The achievement standards that will be offered for assessment will be selected from those listed below (not all are offered) and will provide students with a total of 18 credits.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91229	History 2.1	Carry out a planned inquiry of an historical event, or place, of significant to New Zealanders	Internal	4	R				✓			
AS91230	History 2.2	Examine an historical event or place that is of significance to New Zealanders	Internal	5	R				✓			
AS91232	History 2.4	Interpret different perspectives of people in an historical event of significance to New Zealanders	Internal	5	L						✓	
<i>NCEA External Achievement Standards</i>												
AS91231	History 2.3	Examine sources of an historical event of significance to New Zealanders	External	4	R/W							
AS91233	History 2.5	Examine causes and consequences of a significant historical event	External	5	R/W							
AS91234	History 2.6	Examine how a significant historical event affected New Zealand society	External	5	R/W							
				<i>Possible Credits Available</i>								
				18 Credits								
							<i>Total recommended ✓ credits</i>		9			5
							<i>Total sector related ✓✓ credits</i>					

JAPANESE (2JAP)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	10 credits in NCEA Level 1 Japanese including standard 90896 (Reading)
Fieldwork:	Possible competitions: AUT Speech Competition, Trip to a Japanese restaurant (\$35)
Course Contributions:	Workbook \$10 (Highly recommended)
Course Leads to:	NCEA Level 3 Japanese
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Lodge
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

If you know only one language, you live only once. (Czech proverb)

This course builds students' confidence to express and exchange ideas to establish real communication in Japanese. Students will gain the skills to express opinions, to present facts and arguments on a range of topics such as school life, relationships, daily routine, shopping and eating out.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91135	Japanese 2.2	Give a spoken presentation in Japanese that communicates information, ideas and opinions	Internal	4							
AS91137	Japanese 2.5	Write a variety of text types in Japanese for genuine contexts	Internal	5							
<i>NCEA External Achievement Standards</i>											
AS91133	Japanese 2.1	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	External	5					✓		
AS91136	Japanese 2.4	Demonstrate understanding of a variety of written/visual Japanese text(s) on familiar matters	External	5					✓✓		
<i>Possible Credits Available</i>				19 Credits							
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

MAORI (2MAO)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	12 credits in NCEA Level 1 Maori
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 3 Maori
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Lodge
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

Achieving personal independence in Te Reo Māori. By the end of level 7, students can take part in general conversation with speakers of Te Reo Māori, understand most of what is said, and contribute relevant comments. They can explain and discuss many of their own ideas and opinions and may use Te Reo Māori creatively. They can read a variety of authentic Te Reo Māori materials and write expressively for a range of purposes. Students use a range of strategies to help them learn Te Reo Māori effectively, and they demonstrate a high level of fluency for a learner of Te Reo Māori as a second language. The NCEA Level 2 course is the building block for NCEA Level 3 and helping students develop further independence in Te Reo Māori.

The usual mode of delivery for this course is through Te Kura (The New Zealand Correspondence School) with the support of a Maori language specialist within the school, where this is possible.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91284	Te Reo Maori 2.1	Whakarongo kia mohio ki te reo o te ao torotoro	Internal	4				✓	✓	✓	✓
AS91285	Te Reo Maori 2.2	Korero kia whakamahi i te reo o te ao torotoro	Internal	6				✓	✓✓	✓	✓
AS91288	Te Reo Maori 2.5	Waihanga tuhinga auaha i te reo o te ao torotoro	Internal	6	W			✓	✓✓	✓	✓
<i>NCEA External Achievement Standards</i>											
AS91286	Te Reo Maori 2.3	Panui kia mohio ki te reo o te ao torotoro	External	6	R			✓	✓		✓
AS91287	Te Reo Maori 2.4	Tuhi i te reo o te ao torotoro	External	6	W			✓	✓		✓
<i>Possible Credits Available</i>			28 Credits								
						<i>Total recommended ✓ credits</i>					
								28	16	16	28
						<i>Total sector related ✓✓ credits</i>					
									12		

MATHEMATICS & STATISTICS (2MAT)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Achieved in all NCEA Level 1 Mathematics and Statistics External achievement standards ,AS1.10 , AS1.13 and Algebraic skills test which will be sat during the school examinations in term 3.
Fieldwork:	N/A
Course Contributions:	Workbook– EAS 2.7, EAS 2.12 approx. \$15, FX9750GII Casio Graphic calculator is compulsory -approximately \$120 .
Course Leads to:	NCEA Level 3 Statistics and Probability courses and NCEA Level 3 Mathematics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Bhaduri
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

This course builds on previous years and establishes the basis for tertiary study in Mathematics and Statistics. This course provides students with the opportunity to gain up to 20 Level 2 Mathematics and Statistics credits. Some content in Algebra will be taught but not assessed. This course can lead to NCEA Level 3 Calculus if students pass the Algebra skills test assessed after the Senior examinations in Term 3.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91259	Mathematics 2.4	Apply trigonometric relationships in solving problems	Internal	3	N	✓	✓				✓
AS91264	Mathematics 2.9	Use statistical methods to make an inference	Internal	4	L/N			✓	✓	✓	
AS91257	Mathematics 2.2	Apply graphical methods in solving problems	Internal	4	N	✓	✓	✓	✓		✓
<i>NCEA External Achievement Standards</i>											
AS91262	Mathematics 2.7	Apply calculus methods in solving problems	External	5	N	✓	✓	✓			
AS91267	Mathematics 2.12	Apply probability methods in solving problems	External	4	N			✓	✓	✓	
<i>Possible Credits Available</i>			20 Credits								
						<i>Total recommended ✓ credits</i>					
						12	12	17	12	8	7
						<i>Total sector related ✓✓ credits</i>					

MATHEMATICS & STATISTICS - ALTERNATIVE (2MAA)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	14 Credits in Level 1 Mathematics & Statistics Achievement Standards.
Fieldwork:	N/A
Course Contributions:	Workbook \$7 (Purchased as part of stationary) Casio calculator (FX-9750GII) is compulsory \$90 to \$120
Course Leads to:	This course leads to further study at problem solving based mathematics and/or statistics at Level 3 NCEA, such as 3MAT or 3SAP / 3SPA
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Rambhai
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

This course is designed for students who find Mathematics and Statistics challenging but enjoy the thrill of solving problems. The pace of the teaching and learning is of a 'supportive' nature. It is expected that students take responsibility for their learning throughout the year, especially with time-management and awareness of important assessment deadlines.

The teaching and learning programme is designed such that students' are able to maximise their success. The 2MAA course also provides a significant number of credits towards each of the vocational pathways.

Recommendation: Students who are choosing subjects and/or co-curricular activities should be aware that missing out on classes is highly likely to compromise success in this course.

For those students who are enrolled in 'Trades' there is another mathematics course at Level 2 that will be more suitable to their chosen careers and school timetable (2MAS).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91264	Mathematics 2.9	Use statistical methods to make an inference	Internal	4	L/N			✓	✓	✓	
AS91258	Mathematics 2.3	Apply sequences and series in solving problems	Internal	2	N	✓	✓	✓		✓	✓
AS91259	Mathematics 2.4	Apply trigonometric relationships in solving problems	Internal	3	N	✓	✓				✓
AS91265	Mathematics 2.10	Conduct an experiment to investigate a situation using statistical methods	Internal	3	L/N	✓	✓✓	✓	✓	✓	✓
AS91268	Mathematics 2.13	Investigate a situation involving elements of chance using a simulation	Internal	2	N			✓		✓	
AS91260	Mathematics 2.5	Apply network methods in solving problems	Internal	2	N	✓	✓	✓	✓	✓	✓
<i>NCEA External Achievement Standards</i>											
AS91267	Mathematics 2.12	Apply probability methods in solving problems	External	4	N			✓	✓	✓	
<i>Possible Credits Available</i>			20 Credits								
<i>Total recommended ✓ credits</i>						10	7	17	13	17	10
<i>Total sector related ✓✓ credits</i>							3				

MATHEMATICS & STATISTICS - EXTENDED (2MAE)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Merit or higher in all NCEA Level 1 Mathematics and Statistics External achievement standards, AS1.10 , AS1.13 and Algebraic skills test which will be sat after the school examinations in term 3.
Fieldwork:	N/A
Course Contributions:	Workbook– EAS workbook approx. \$20, FX9750GII Casio Graphic calculator is compulsory - approximately \$120
Course Leads to:	This course will lead to NCEA Level 3 Mathematics with Calculus and Statistics and Probability courses. It also helps to provide the Mathematical skills needed in other subjects at Level 3. Many careers state that they need this course in their job specification.
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Bhaduri
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

This is an academic course that requires fluency in algebraic skills. This course builds on previous years work and establishes the basis for tertiary study in Mathematics and Statistics. This course of advanced Mathematics extends and develops the algebraic, trigonometric and statistical work begun in Year 11. An introduction to differential and integral calculus is also part of the course.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91257	Mathematics 2.2	Apply graphical methods in solving problems	Internal	4	N	✓	✓	✓	✓		✓
AS91264	Mathematics 2.9	Use statistical methods to make an inference	Internal	4	L/N			✓	✓	✓	
AS91259	Mathematics 2.4	Apply trigonometric relationships in solving problems	Internal	3	N	✓	✓		✓		✓
<i>NCEA External Achievement Standards</i>											
AS91261	Mathematics 2.6	Apply algebraic methods in solving problems	External	4	N	✓	✓	✓			
AS91262	Mathematics 2.7	Apply calculus methods in solving problems	External	5	N	✓	✓	✓			
AS91267	Mathematics 2.12	Apply probability methods in solving problems	External	4	N			✓	✓	✓	
<i>Possible Credits Available</i>			24 Credits								
						16	16	21	12	8	7
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

MATHEMATICS FOR TRADES (2MAS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	At least 10 credits in level 1 Maths and Statistics
Fieldwork:	N/A
Course Contributions:	Highly recommended: Workbooks-approximately \$15 Compulsory : Casio scientific calculator-approximately \$30
Course Leads to:	Trade industries
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Bennet
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

This course is designed to provide students with the Mathematical foundation for future career in Trades. Students wanting to be in this course should be enrolled with a Trades Academy.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries	
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
U21905		Demonstrate knowledge of trade calculations and units for mechanical engineering trades	Internal	6			✓✓					
U21908		Demonstrate knowledge of basic mechanics for mechanical engineering trades	Internal	3			✓✓					
U2432		Manually construct plane geometric shapes for engineering	Internal	3			✓✓					
U24361		Apply mathematical processes to BCATS projects	Internal	3		✓✓						
				<i>Possible Credits Available</i>	15Credits							
						<i>Total recommended ✓ credits</i>	0	0	0	2	0	0
						<i>Total sector related ✓✓ credits</i>	3	12				

MEDIA STUDIES (2MED)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	12 credits in Level One Media Studies or application and acceptance by TIC for new students (Strong grades in Year 11 English or History an advantage).
Fieldwork:	Field Day Trip to either a media industry, tertiary institution or film viewing.
Course Contributions:	\$20-50 approximately.
Course Leads to:	NCEA Level 3 Media Studies
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Greenstreet
HOLA in charge of subject:	Ms Pinnell

COURSE OUTLINE

Media Studies provides opportunities for students to develop and explore the impact all forms of media have on our lives.

Media Studies is an option choice for students who want to further their career opportunities in Media and Communications or to gain more experience in using theory to critically analyse media texts and the world around them.

The course builds on the skills developed from Media Studies in Year 11 and provides an excellent pathway into Level 3 Media Studies and to a range of tertiary study options. The course contains a strong theory component, which will cover a genre study of horror film, representation of women in the media and the study of ethical issues in the media. Students will also be involved in producing a short film in groups and will develop their technical skills in camera, sound and editing.

Students will find this course fun and challenging as they further their understanding of the various concepts in the changing media and our society. The skills developed in Media Studies have a wide range of portability to other subject areas. The challenge of the course will prepare students for further study, either at Level 3 of NCEA, or at a tertiary level.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS 91250	Media Studies 2.3	Demonstrate understanding of representation in the media	Internal	3	L						✓
AS 91252	Media Studies 2.5	Produce a design and plan for a developed media product, using a range of conventions	Internal	4	L						✓
AS 91253	Media Studies 2.6	Complete a developed media product from a design and plan, using a range of conventions	Internal	6	L						✓✓
AS 91254	Media Studies 2.7	Demonstrate understanding of an ethical issue in the media	Internal	3	L					✓	✓
<i>NCEA External Achievement Standards</i>											
AS 91251	Media Studies 2.4	Demonstrate understanding of an aspect of a media genre	External	4	R/W/L						✓
<i>Possible Credits Available</i>				20 Credits							
						<i>Total recommended ✓ credits</i>					
						3 14					
						<i>Total sector related ✓✓ credits</i>					
						6					

MULTI MATERIALS TECHNOLOGY (2TEM)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	At least 3 out of 4 of the Achievement Standards passed at level 1 or HOLA agreement .
Fieldwork:	N/A
Course Contributions:	\$80 Take home component
Course Leads to:	NCEA Level 3 Materials Technology
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Jowers-Wilding
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

Level 2 Multi Materials Technology is based on the Technology Curriculum and is assessed against four Technology Achievement standards. It provides the opportunity for students to gain 20 or 22 credits at Level 2. There is no examination; however three of the Achievement Standards will be assessed internally and the other one will be assessed through external marking. Students will use a technological approach to develop innovative and creative problem solving skills. Practical skills in a wide range of materials are encouraged along with the learning of techniques and processes. All achievement standards will be attached to a unit of work on 'Lifestyle'.

It is important to note that this course is a prerequisite if students are intending to take Multi-materials Technology in Year 13 next year. Please note students can choose only one from the following Technology options: 2TEM, 2TET, 2TEF. Please note students can only take a maximum of two subjects from 2DIT, 2DIP, and one of 2TEM/2TET/2TEF.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91356 OR AS91354	Technology 2.3 Technology 2.1	Develop a conceptual design for an outcome Undertake brief development to address an issue	Internal	6 4		✓ ✓	✓ ✓	✓ ✓			✓✓ ✓✓
AS91344	Technology 2.20	Implement advanced procedures using resistant materials to make a specified product with special features.	Internal	6		✓✓	✓✓				✓
AS91357	Technology 2.4	Undertake effective development to make and trial a prototype	Internal	6		✓	✓✓	✓			✓
<i>NCEA External Achievement Standards</i>											
AS91358	Technology 2.5	Demonstrate understanding of how technological modelling supports risk management.	External	4		✓	✓				
<i>Possible Credits Available</i>			20 or 22 Credits								
						20	14	16			12
						6	12				10
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

MUSIC (2MUS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	10 credits in NCEA Level 1 Music or at the discretion of HOLA. The ability to read music and play an instrument is essential for those who intend to do NCEA Level 2 Music.
Fieldwork:	Performance trip \$25 (approx. and optional)
Course Contributions:	Accompanist for solo performances \$50 (approx and optional)
Course Leads to:	NCEA Level 3 Music (Music Studies and Practical Music)
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Treneman
HOLA in charge of subject:	Ms Treneman

COURSE OUTLINE

This course will build on the experiences of Level 1 Music and will enable students to further develop their knowledge of music's elements, conventions, processes, techniques and technologies. The course provides students with the opportunity to perform as both a featured soloist and as a member of a group; compose a variety of pieces of music, and study music works, identifying, describing and comparing the musical features and social context of the works. The development of aural skills is intrinsic to all music learning. Students must play an instrument and should be learning either through the Itinerant music scheme or privately. Please be aware that the performance Achievement Standards will be assessed during evening concerts open to the school community.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Community Services	Social & Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91270	Music 2.1	Perform two substantial pieces of music as a featured soloist	Internal	6							✓
AS91274	Music 2.2	Perform a substantial piece of music as featured soloist on a second instrument	Internal	3							✓
AS91272	Music 2.3	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	Internal	4							✓✓
AS91271	Music 2.4	Compose two substantial pieces of music	Internal	6							✓
AS91273	Music 2.8	Devise an instrumentation for an ensemble	Internal	4							✓
AS91278	Music 2.9	Investigate an aspect of New Zealand music	Internal	4	L						✓
<i>NCEA External Achievement Standards</i>											
AS91275	Music 2.5	Demonstrate aural skill through written representation	External	4							✓✓
AS91276	Music 2.6	Demonstrate knowledge of conventions in a range of music scores	External	4	L						✓✓
AS91277	Music 2.7	Demonstrate understanding of two substantial contrasting music works	External	6	L						✓
<i>Possible Credits Available</i>			18-21 Credits								
						<i>Total recommended ✓ credits</i>					29
						<i>Total sector related ✓✓ credits</i>					12

OUTDOOR EDUCATION (2OED)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	8 AS credits from 1OED and a high level of participation and effort in 1OED. Approval from HOLA/TIC
Fieldwork:	3 day Sea Kayaking trip around Ponui Island 3 Day Tramping in the Kaimai Ranges 2 day Rock Climbing camp 2 Day Mountain Biking trip in Rotorua
Course Contributions:	\$800
Course Leads to:	3OED
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Murray
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Level 2 Outdoor Education students will learn a wide variety of outdoor and leadership skills while further developing an appreciation for the environment. The year begins with a three day Sea Kayaking trip around Ponui Island where students will stay on the private beaches, learning to be self-sufficient with minimal resources. Our first practical unit is Mountain Biking, where students can earn AS and US credits during a two day camp in Redwood Forest, staying at Rotorua Thermal Holiday Park and riding world renowned downhill tracks.

In the second half of the programme, we study Tramping and Navigation in the bush. Students will learn how to navigate using compasses, topographical maps, and feature identification to find their way along tracks and through streams in the Kaimai ranges on a three day trip. Students will also be looking at the processes of groups, how they develop, and what allows them to function effectively.

In Term 3, students will be tasked with leading small groups of year 9 and 10 students in a range of ABL and group activities. We will also be travelling to the Central North Island for the second practical assessment of the year, where students will be demonstrating their ability in the pursuit of rock climbing.

Please note students can NOT take both Outdoor Education (2OED) and Outdoor Education - Alternative (2ODA).

Please note students can NOT take both Sports Studies (2SPS) with either Outdoor Education (2OED) or Physical Education (2PED).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure	Construction & Technology	Manufacturing & Industries	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>												
AS91330	Physical Ed 2.4	Perform a physical activity in an applied setting	Internal	4						✓		✓
AS91333	Physical Ed 2.7	Analyse the application of risk management strategies to a challenging outdoor activity	Internal	3	L1 Lit			✓		✓✓		
AS91332	Physical Ed 2.6	Evaluate leadership strategies that contribute to the effective functioning of a group	Internal	4	L1 Lit					✓	✓✓	✓
AS91336	Physical Ed 2.10	Analyse group processes in physical activity	Internal	3	L1 Lit			✓		✓	✓	✓
AS91299	Physical Ed 2.1	Examine the role and significance of Physical Education in the life of young people in NZ	Internal	3	L1 Lit					✓		✓
US431	Outdoor Recreation	Navigate in good visibility on land	Internal	3						✓✓		
US457	Outdoor Recreation	Mountain Bike on intermediate to experienced terrain	Internal	2						✓✓		
<i>Possible Credits Available</i>			22 Credits									
								6	14	3	14	
									8	4		

OUTDOOR EDUCATION - ALTERNATIVE (20DA)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	1OED, 1PED, Approval from HOD/TIC
Fieldwork:	3 day surfing camp in Raglan 2 days rock climbing 3 day sailing trip 3 day tramping trip in the Kaimai Ranges.
Course Contributions:	\$800
Course Leads to:	2SPS
Course Provider/Assessor:	Botany Downs Secondary College, Bigfoot Adventures
Teacher in charge of subject:	Mr C Murray
HOLA in charge of subject:	Mr J Saville

COURSE OUTLINE

Level 2 Outdoor Education —Alternative is a vocational pathway course where students are predominantly assessed practically through a wide variety of outdoor pursuits across the North Island. Students begin the year by investigating risk management while on a three day surfing camp in Raglan. The next practical unit they study is rock climbing, where the assessment will be entirely practically based at a local rock climbing area. Students will then learn about New Zealand’s native bush and navigation skills during a three day tramp in the Kaimai Ranges staying in two classic North Islands bush huts. Students will also learn about how to interoperate weather forecasts and put this to practice on a three day sailing trip aboard the famous yacht Steinlager 2.

Please note students can NOT take both Outdoor Education (2OED) and Outdoor Education - Alternative (20DA).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. “What is your pathway?” Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS					VOCATIONAL PATHWAYS						
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91330	Physical Ed 2.4	Perform a physical activity in an applied setting	Internal	4					✓		✓
AS91333	Physical Ed 2.7	Analyse the application of risk management strategies to a challenging outdoor activity	Internal	3	L1 Lit			✓	✓✓		
US426	Outdoor Recreation	Experience camping	Internal	3					✓✓		
US431	Outdoor Recreation	Navigate in good visibility on land	Internal	3					✓✓		
US425	Outdoor Recreation	Experience day tramps	Internal	3					✓✓		
US21930	Outdoor Recreation	Make safety preparations when sailing a keel boat	Internal	3							
				<i>Possible Credits Available</i>							
				19 Credits							
				<i>Total recommended ✓ credits</i>				3	4	3	7
				<i>Total sector related ✓✓ credits</i>					12		

PHYSICAL EDUCATION (2PED)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	12 credits in NCEA Level 1 Physical Education (should include AS 1.2) and 5 credits in 1AWB or HOLA approval AND shown a high level of effort and commitment in 1PED.
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 3 PE & Scholarship , 3SPS
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Saville
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Physical Education promotes learning in, through and about movement. Level 2 Physical Education requires a more in depth study of how the body works and how to train it. In this course we bring together knowledge in sport, sociology and science through the disciplines of human physiology, psychology, biomechanics, social responsibility and researching critical issues in sport. This course has the potential to further students understanding to lead to exciting career opportunities in fields such (and not limited to) education, health professions, coaching and fitness industries and sport and exercise science. Theory is applied to the practical situations, sports and activities. The contexts in the practical will vary but will include a selection of activities such as individual and team sports and fitness training.

Please note students can NOT take both Sports Studies (2SPS) with either Outdoor Education (2OED) or Physical Education (2PED).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91328	Physical Ed 2.2	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	Internal	5	L1 Lit				✓✓	✓	✓
AS91329	Physical Ed 2.3	Demonstrate understanding of the application of biophysical principles to training for physical activity	Internal	4	L1 Lit				✓✓		✓✓
AS91330	Physical Ed 2.4	Perform a physical activity in an applied system	Internal	4					✓		✓
AS91331	Physical Ed 2.5	Explain the significance for self, others and society of a sporting event, a physical activity, or a festival	Internal	4	L1 Lit				✓	✓	✓
AS91334	Physical Ed 2.8	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	Internal	3					✓	✓	✓
<i>Possible Credits Available</i>			20 Credits								
						<i>Total recommended ✓ credits</i>					
						11 12 16					
						<i>Total sector related ✓✓ credits</i>					
						9 4					

PHYSICS (2PHY)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Level 1 Science End of Year Progress GPA of 70% or greater OR L1 NCEA SCI GPA of 70% or greater The HOD may grant exemptions on case by case basis.
Fieldwork:	N/A
Course Contributions:	\$20.00 Education Perfect online resources (Highly recommended)
Course Leads to:	Level 3/Year 13 Physics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Raj
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

Physics is the study of forces, energy and matter. Physics is an important subject for many sports, material and engineering studies. We use a range of methods, with an emphasis on experimental evidence and investigations, to provide a solid foundation for studying physics in the future. Emphasis is placed on understanding the key concepts of physics within suitable contexts including technological applications. Students are required to carry out calculations using formulae and describe and explain physics concepts. Level 2 Physics is an essential prerequisite for Level 3 Physics. This course includes the following topics: 1. Experimental physics 2. Waves and light 3. Kinematics and vectors 4. Force and motion 5. Work, energy and power 6. Current electricity 7. Electromagnetism.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91168	Physics 2.1	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	Internal	4	L/N	✓	✓	✓			
<i>NCEA External Achievement Standards</i>											
AS91170	Physics 2.3	Demonstrate understanding of waves	External	4	L/N	✓	✓	✓		✓	
AS91171	Physics 2.4	Demonstrate understanding of mechanics	External	6	L/N	✓	✓	✓		✓	
AS91173	Physics 2.6	Demonstrate understanding of electricity and Electromagnetism	External	6	L/N	✓	✓	✓			
<i>Possible Credits Available</i>			20 Credits								
<i>Total recommended ✓ credits</i>						20	20	20		10	
<i>Total sector related ✓✓ credits</i>											

PSYCHOLOGY (2PSY)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	14 credits in Level 1 English with at least 8 at merit level or at TIC discretion. Approval from TIC/HOLA required for all students .
Fieldwork:	Practical work to be confirmed.
Course Contributions:	N/A
Course Leads to:	Level 3 Psychology
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Rooke
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

Psychology is all around us and involves every aspect of our lives. Who we are now, who we will be in the future, how we interact with others are all questions psychology seeks to answer. The aim of this course is to provide students with various activities and projects which are not only highly relevant to everyday life and learning, but also an opportunity to develop a deeper understanding of the self and others. Psychology encourages a knowledge of human behaviour which is relevant to all areas of life and further study in any field.

Students will be introduced to the workings of the human mind and how it influences our behaviour. This is a programme of study which delves into the workings of the brain and how the conscious and unconscious drives our behaviour. We will also explore theories and approaches used to explain specific behaviours such as addiction, the workings of our memory and how we learn. Seeking to answer questions regarding our motivation to do the things we do is central to this course. Students will also have an opportunity to research an areas of interest such as forensic, sports, clinical or organisational psychology.

Students should have strong literacy and analytical skills as well as enjoy thinking creatively about questions around human behaviour.

This course is all internally assessed and credits count towards NCEA Level 2. The achievement standards that will be offered for assessment will be selected from those listed below and will offer students a total of between 18 and 21 credits. Not all achievement standards listed will be offered.

Entry into this course will be limited for 2020 and will be at TIC/HOLA discretion. Please note: having the pre requisites does not guarantee a place in the Level 2 Psychology course.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
91844	Psych 2.1	Examine different psychological approaches use to explain behaviour	Internal	6	R						
91845 or 91848	Psych 2.2 or 2.5 (only both as extension opportunity)	Examine how psychological debate has changed over time	Internal	3	R						
		Examine ethical issues in psychological practice			R						
91846	Psych 2.3	Conduct psychological research with guidance	Internal	4	R						
91847	Psych 2.4	Examine how theory is used in fields of psychological practice	Internal	5	R						
<i>Possible Credits Available</i>			18 (21) Credits								
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

SPANISH (2SPH)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	10 credits in NCEA Level 1 Spanish including standard 90911(Reading)
Fieldwork:	Possible competitions: debating and speech competitions
Course Contributions:	\$10 Workbook (Highly recommended)
Course Leads to:	NCEA Level 3 Spanish
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Lodge
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

"One language sets you in a corridor for life. Two languages open every door along the way." Frank Smith

This course builds students' confidence to express and exchange ideas to establish real communication in Spanish.

Students will gain the skills to express opinions, to present facts and arguments on a range of topics such as health, relationships, trends and cinema.

The assessments for Level 2 Spanish consist of a writing portfolio, a spoken presentation, a reading exam and a listening exam.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91150	Spanish 2.2	Give a spoken presentation in Spanish that communicates information, ideas and opinions	Internal	4							
AS91152	Spanish 2.5	Write a variety of text types in Spanish to convey information, ideas, and opinions in genuine contexts	Internal	5							
<i>NCEA External Achievement Standards</i>											
AS91148	Spanish 2.1	Demonstrate understanding of a variety of spoken Spanish texts on familiar matters	External	5					✓		
AS91151	Spanish 2.4	Demonstrate understanding of a variety of written and/or visual Spanish text(s) on familiar matters	External	5					✓✓		
<i>Possible Credits Available</i>			19 Credits								
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					

SPORTS STUDIES (2SPS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	A proven enthusiasm in HPE is essential and it is expected that students gained a Merit in 1AWB. TIC and HOLA approval needed.
Fieldwork:	N/A
Course Contributions:	Approximately \$40
Course Leads to:	Level 3 Sports Studies
Course Provider/Assessor:	Botany Downs Secondary College / MIT
Teacher in charge of subject:	Mr Saville
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Level 2 Sports Studies promotes learning in, through and about movement. The students will complete a selection of the standards below that range from different leadership opportunities, fitness, anatomy, communication and feedback skills, leadership strategies and implementation of an event. This course has the potential to further students understanding to lead to exciting career opportunities in fields such (and not limited to) health professions, coaching and fitness industries. Theory is applied to the practical situations, sports and activities. The contexts in the practical will vary but will include a selection of activities, individual and team sports and fitness training.

Please note students can NOT take both Sports Studies (2SPS) with either Outdoor Education (2OED) or Physical Education (2PED).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91330	Physical Ed 2.4	Perform a physical activity in an applied setting.	Internal	4					✓		✓
US505	-	Manage personal fitness	Internal	3					✓	✓	
US457	-	Mountain Bike on medium to expert terrain	Internal	2					✓✓		
US467	-	Adventure based learning	Internal	3					✓✓	✓✓	
US22770	-	Demonstrate knowledge of sport coaching, the coaching environment, and sports applicate needs	Internal	4					✓✓	✓✓	
US21649	-	Apply knowledge of basic anatomy to the performance of sport skills	Internal	3					✓✓	✓✓	
US20137	-	Mountain Bike on easy to medium terrain	Internal	1					✓✓		
<i>Possible Credits Available</i>			20 credits								
						<i>Total recommended ✓ credits</i>					
									7	3	4
						<i>Total sector related ✓✓ credits</i>					
									13	10	

TEXTILES TECHNOLOGY (2TET)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Students who have achieved a minimum of 10 credits in Textiles Technology NCEA Level 1 or have prior approval from the teacher.
Fieldwork:	Visit from professionals in the area of pattern development. Trip to fabric retailers to research fabric and trim options for the major project. Opportunity to experience WOW and the costume department of the Royal New Zealand Ballet in Wellington. Approximate cost: \$400 if undertaken \$40 to cover class materials and sewing kit. Students are to supply their own fabric and pattern for garment production.
Course Contributions:	
Course Leads to:	NCEA Level 3 / Textiles Technology
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Lynskey
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

Level 2 Textiles Technology focuses on further developing the creative and technical skills required to pursue a career in a range of creative industries such as apparel and textile design, as well as costume for film, television and stage productions. Students will have the opportunity to use creative problem solving, as well as build on their machine, pattern drafting, and design skills to earn a combination of achievement standard credits. The major project requires the students to use technological practice to develop a portfolio of work, designing and producing an item for a competition. Areas such as; couture design, street wear, wearable art, or set design could be chosen as a theme. The second project is shorter and is to further develop sewing and pattern adaptation skills. Students who partake in this course will be preparing themselves for tertiary study in fashion, costume or interior design and a high level of competence in a valuable life skill.

Please note students can choose only one from of the following Technology options: 2TEM, 2TET, 2TEF.
Please note students can only take a maximum of two subjects from 2DIT, 2DIP, and one of 2TEM/2TET/2TEF.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91356	Generic Technology 2.3	Develop a conceptual design for an outcome	Internal	6		✓	✓	✓			✓✓
AS91345	Technology 2.21	Implement advanced procedures using textiles materials to make a specified product with special features.	Internal	6			✓✓				✓
AS91357	Generic Technology 2.4	Undertake effective development to make and trial a prototype	Internal	6		✓	✓✓	✓			✓
<i>NCEA External Achievement Standards</i>											
Optional AS91358	Generic Technology 2.5	Demonstrate understanding of how technological modelling supports risk management.	External	4	L	✓	✓				
<i>Possible Credits Available</i>			22 Credits								
<i>Total recommended ✓ credits</i>						16	10	12			12
<i>Total sector related ✓✓ credits</i>							12				6

TRAVEL & TOURISM (2TSM)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	75 credits at Level 1 - including 12 credits in English and 10 credits in Numeracy
Fieldwork:	N/A
Course Contributions:	\$50
Course Leads to:	Level 3 Travel and Tourism
Course Provider/Assessor:	Botany Downs Secondary College and Service IQ
Teacher in charge of subject:	Mrs Muir
HOLA in charge of subject:	Miss Douglas

COURSE OUTLINE

Level 2 Travel and Tourism is a vocational subject. Students achieve Unit Standards which allow them to work towards study at tertiary level. Tourism is one of New Zealand's fastest growing industries, the school recognises this fact and the Level 2 course provides interested students with a foot in the door. Students will cover the basics of Travel and Tourism throughout the course. The focus is on knowledge of the Tourism industry in terms of work roles, business and impacts. It will also provide students with geographical and historical knowledge of New Zealand. Students who do not meet the prerequisites may make an application for this course.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
US24732	-	Tourist Characteristics	Int	3					✓✓		
US24728	-	Work Roles in Tourism	Int	3					✓✓		
US24731	-	Destination New Zealand	Int	4					✓✓		
US24727	-	Impacts: Physical Environment	Int	3					✓✓		
US24730	-	The Business of Tourism	Int	4					✓✓		
US18237	-	Performing Calculations	Int	3					✓✓		
US24726	-	Impacts: Social and Cultural	Int	2					✓✓		
<i>Possible Credits Available</i>			22 Credits								
<i>Total recommended ✓ credits</i>											
<i>Total sector related ✓✓ credits</i>									22		

VISUAL ART - DESIGN (2DES)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	16 credits in Year 11 Digital Art, or application and acceptance by HOD/TIC
Fieldwork:	Gallery visit
Course Contributions:	\$60
Course Leads to:	Level 3 and Scholarship Design
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Clapperton
HOLA in charge of subject:	Ms Clapperton

COURSE OUTLINE

Art Design provides an introduction to the necessary basic skills and tools for students considering a career in any design based field. This course will cover a variety of media and software applications in order to give a broad base of basic knowledge. Students will have an introduction to illustration, typography, identity design, image manipulation, advertising and animation in a variety of media. Leading design software such as Illustrator, InDesign and Photoshop CC will help students to collate and present their ideas into a final outcome. This is an exciting course that will help students focus on the best of traditional art and computer-aided design into one discipline.

This course is a laptop course and students will need to use a high functioning laptop during class to work on. Students also are required to have purchased a copy of Adobe Photoshop CS5 or higher for their laptop and/or home computer. An annual Adobe licence can be purchased through the school for approximately \$10. Information regarding this will be given to students at the beginning of the course.

Students who did not take Level 1 Digital Art will need to submit a portfolio application to be considered for this course. Applications can be obtained from Miss Clapperton (HOD of Art). Information will be sent out to those students who did not take 1DRT previously.

It is important to note that this course is a prerequisite if students are intending to take Design in Year 13 next year.

Please note students can only take a maximum of two subjects from Visual Art: Painting (2ART), Photography (2PHO) or Design (2DES) at Level 2, and are warned against taking 2 Art subjects and another 3rd large internal subject.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91310	Design 2.2	Use drawing methods to apply knowledge of conventions appropriate to design	Internal	4							✓✓
AS91315	Design 2.5	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	Internal	4							✓
<i>NCEA External Achievement Standards</i>											
AS91321	Design 2.4	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	External	12							✓
<i>Possible Credits Available</i>			20 Credits								
						<i>Total recommended ✓ credits</i>					
						16					
						<i>Total sector related ✓✓ credits</i>					
						4					

VISUAL ART - PAINTING (2ART)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	16 credits in NCEA Level 1 Visual Art
Fieldwork:	Gallery visit
Course Contributions:	\$40
Course Leads to:	NCEA Level 3 Visual Art
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Clark
HOLA in charge of subject:	Ms Clapperton

COURSE OUTLINE

A practical painting course that builds on experiences from Level 1 Visual Art. Students explore various artist models and painting techniques, which they use to generate and develop artworks based on their chosen theme. The course provides students with a range of artistic skills experiences and techniques. The course prepares students for Level 3 Visual Art. Drawing is taught as the basis of most investigations.

Students who did not take Level 1 Visual Art will need to submit a portfolio application to be considered for this course. Applications can be obtained from Miss Clapperton (HOD of Art). Information will be sent out to those students who did not take 1ART previously.

It is important to note that this course is a prerequisite if students are intending to take Visual Art-Painting in Year 13 next year.

Please note students can only take a maximum of two subjects from Visual Art: Painting (2ART), Photography (2PHO) or Design (2DES) at Level 2, and are warned against taking 2 Art subjects and another 3rd large internal subject.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy; (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS							VOCATIONAL PATHWAYS				
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS91311	Visual Art 2.2	Use drawing methods to apply knowledge of conventions appropriate to painting	Internal	4		✓	✓				✓✓
AS91316	Visual Art 2.3	Develop ideas in a related series of drawings appropriate to established painting practice	Internal	4		✓	✓				✓✓
<i>NCEA External Achievement Standards</i>											
AS91321	Visual Art 2.4	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	External	12		✓	✓				✓
<i>Possible Credits Available</i>			20 Credits								
						<i>Total recommended ✓ credits</i>					12
						<i>Total sector related ✓✓ credits</i>					8

VISUAL ART - PHOTOGRAPHY (2PHO)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	16 credits in Year 11 Digital Art, or application and acceptance by HOD/TIC
Fieldwork:	Gallery visit
Course Contributions:	\$40
Course Leads to:	NCEA Level 3 Photography
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Clapperton
HOLA in charge of subject:	Ms Clapperton

COURSE OUTLINE

Photography is about communicating thoughts and emotions through digital images. Level 2 Photography requires a depth of analysis and justification of photographic methods. Presentation is also expected to be of a high standard. Using Photoshop, understanding file systems, setting up a studio with lights, planning, taking and creating digitised images and working as a team are some of the practical skills that will be enhanced during this course. The Level 2 Photography course will cover topics such as: Conventions of Photography, Photoshop and Studio Lighting. There is no external examination, students will complete 3 projects throughout the year contributing to the required Standards.

Students are to have their own good quality digital camera (at least 10MP with manual features; Aperture and Shutter Speed), a storage device to transfer files to and from home (4 or 8 GB USB recommended).

This course is a laptop course and students will need to use a high functioning laptop during class to work on. Students also are required to have purchased a copy of Adobe Photoshop CS5 or higher for their laptop and/or home computer. An annual Adobe licence can be purchased through the school for approx. \$10. Information regarding this will be given to students at the beginning of the course.

Note: this is an artistic subject. Students must be creative and must be ICT literate and be very confident with using a computer.

Students who did not take Level 1 Digital Art will need to submit a portfolio application to be considered for this course. Applications can be obtained from Miss Clapperton (HOD of Art). Information will be sent out to those students who did not take 1DRT previously.

It is important to note that this course is a prerequisite if students are intending to take Photography in Year 13 next year.

Please note students can only take a maximum of two subjects from Visual Art: Painting (2ART), Photography (2PHO) or Design (2DES) at Level 2, and are warned against taking 2 Art subjects and another 3rd large internal subject.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 2 Standards that contribute to Literacy and Numeracy are indicated by (L) = Literacy: (N) = Numeracy
 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading: (W) = Writing

VOCATIONAL PATHWAYS

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STANDARDS						VOCATIONAL PATHWAYS							
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure & Construction	Technology & Manufacturing	Primary Industries	Service Industries	Social & Community Services	Creative Industries		
<i>NCEA Internal Achievement Standards/Unit Standards</i>													
AS91312	Photography 2.2	Use drawing methods to apply knowledge of conventions appropriate to Photography	internal	4							✓✓		
AS91317	Photography 2.3	Develop ideas in a related series of drawings appropriate to established Photography practice	Internal	4							✓✓		
<i>NCEA External Achievement Standards</i>													
AS91322	Photography 2.4	Produce a systematic body of work that shows understanding of art making conventions and ideas within Photography	External	12							✓		
<i>Possible Credits Available</i>			20 Credits										
<i>Total recommended ✓ credits</i>											12		
<i>Total sector related ✓✓ credits</i>											8		

WORK & COMMUNITY SKILLS (2WCS)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	By recommendation of Whanau Leader, SENCO or Deputy Principal
Fieldwork:	N/A
Course Contributions:	TBC
Course Leads to:	Vocational pathway in services and/or social and community services
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Smith
HOLA in charge of subject:	Mrs Smith

COURSE OUTLINE

The course is designed to recognise a range of skills identified as being important life skills and skills for the workplace and in the community. It is ideal for students with learning difficulties that have been professionally identified as having either medical or learning conditions. The unit standards offered are relevant to the wide range of learning needs and the skills required to support the students to transition successfully into the work place and community.

This course is personalised and can be completed at the student's own pace. Please note that not all standards will be selected and other standards not here may be used.

STANDARDS

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 Level 2 & 3 Standards that contribute to UE literacy requirements are indicated by (R) = Reading; (W) = Writing

VOCATIONAL PATHWAYS

Vocational Pathway information helps with future career planning. Each Standard has been aligned to a potential Pathway, reflected by a tick in the relevant column of the table. "What is your pathway?" Please refer to page 5 in this book or pages 24 and 25 in the Level 1-3 Information Book for more information regarding Vocational Pathways.

STANDARDS						VOCATIONAL PATHWAYS					
Number	Subject Ref	Title	Int/Ext	Credits	CODES	Infrastructure & Construction	Technology	Manufacturing & Primary Industries	Service Industries	Social & Community Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
US24699	Financial Capability	Make an informed decision relating to personal income and explain its impacts	Int	2							
US28094	Financial Capability	Produce a balanced household budget and adjust the budget to reflect financial circumstances	Int	3							
US28097	Financial Capability	Analyse and select banking products and services in relation to personal financial capability	Int	3					✓✓		
US7117	Work & Study Skills	Produce a plan to enhance own learning	Int	2							
US7118	Work & Study Skills	Manage own learning programmes	Int	3							
US4252	Work & Study Skills	Produce a personal targeted CV	Int	2							
US10780	Work & Study Skills	Complete a work experience placement	Int	3							
<i>Possible Credits Available</i>			18+ Credits								
						<i>Total recommended ✓ credits</i>					
						<i>Total sector related ✓✓ credits</i>					
						3					