



LEVEL 1 OPTION BOOK 2017

BOTANY DOWNS Secondary College

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LEVEL 1 COMPULSORY SUBJECTS

Every Year 11 student at Botany Downs Secondary College has English, Mathematics, Health & Physical Education and Science as compulsory subjects. English, Mathematics and Science courses are chosen for the student by the Head of the Learning Area according to the student's grades from Year 10.

ENGLISH

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MATHEMATICS AND STATISTICS

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HEALTH & PHYSICAL EDUCATION

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LEVEL 1 OPTIONAL SUBJECTS

Every Year 11 student at Botany Downs Secondary College can choose 3 options.
Note: there are some options that can not be done together. Please check the list on page 4 for details.

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SCHOOL CONTACTS



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SENIOR LEADERSHIP TEAM

Principal	<i>K. Brinsden</i>
Associate Principal	<i>F. Cottam</i>
Deputy Principal	<i>M. Hart</i>
Deputy Principal	<i>C. Williams</i>
Director of Academic Studies	<i>C. Van Kralingen</i>

HEADS OF LEARNING AREAS

English	<i>K. Logan</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>M. Andrew</i>
Technology	<i>D. Achary</i>
Visual and Performing Arts	<i>J. Hood, L. Treneman, T. Clapperton, A. Rakanui</i>

WHĀNAU HOUSE LEADERS

Blake Whānau	<i>A. Taylor</i>
Britten Whānau	<i>D. McGregor</i>
Discovery Whānau	<i>N. Folks</i>
Endeavour Whānau	<i>K. Adams</i>
Koru Whānau	<i>C. Joyce (acting for J. Clark)</i>
Spirit Whānau	<i>S. Jackson</i>

STUDENT SERVICES

Guidance Counsellor	<i>L. Rowe</i>
Careers Advisor	<i>M. Drum</i>
Trade Academies/Vocational Pathways	<i>S. Malone</i>

OPTION INFORMATION

The following booklet contains information of the Level 1 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 or TiC from the standards presented in the option booklet.
- The column containing L or N identifies standards that can contribute to the 10 Numeracy credits and 10 Literacy credits required to achieve NCEA Level 1.
- **Students who wish to take Te Reo Maori as an option should indicate this during the option selection process on the option selection form.** They must also indicate which of the three selected options they are prepared to withdraw from to accommodate this possibility. The mode of provision for Te Reo Maori will be dependent upon the staffing available and the number of students choosing to take this option.
- NOTE:
 - Can not choose both FAH1 and TEF1
 - Can not choose both ELE1 and SCS1
 - Can not choose both ART1 and DRT1
 - Can not choose both ENP1 and ENS1
 - Can only do 1 max of TEM1, TET1 or TEF1
 - Recommended max of 2 from ECE1, HED1, PED1, OED1 (any more will be at the discretion of HOLA)

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
- Manufacturing and Technology Sector
- Primary Industries Sector
- Services Industries Sector
- Social and Community Services Sector and
- Creative Industries Sector.



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

For example Level 1 Business Studies:

“AS90840 Apply the marketing mix to a new or existing product”, has links to 3 sectors; Primary Industries, Service Industries and Creative Industries. This gives the student an idea of the real-world application of the knowledge learnt during this standard. What’s my Pathway?

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>											
AS90840	Business 1.4	Apply the marketing mix to a new or existing product	Internal	3	L			✓	✓		✓
AS90841	Business 1.5	Investigate aspects of human resource processes in a business	Internal	3	L			✓			
AS90842	Business 1.6	Carry out and review a product-based business activity within a classroom context with direction	Internal	6	L			✓			
<i>NCEA External Achievement Standards</i>											
AS90837	Business 1.1	Demonstrate an understanding of internal features of a small business	External	4	L			✓	✓		✓
AS90838	Business 1.2	Demonstrate an understanding of the external environment of a small business	External	4	L			✓	✓		✓
<i>Possible Credits Available</i>						20 Credits					

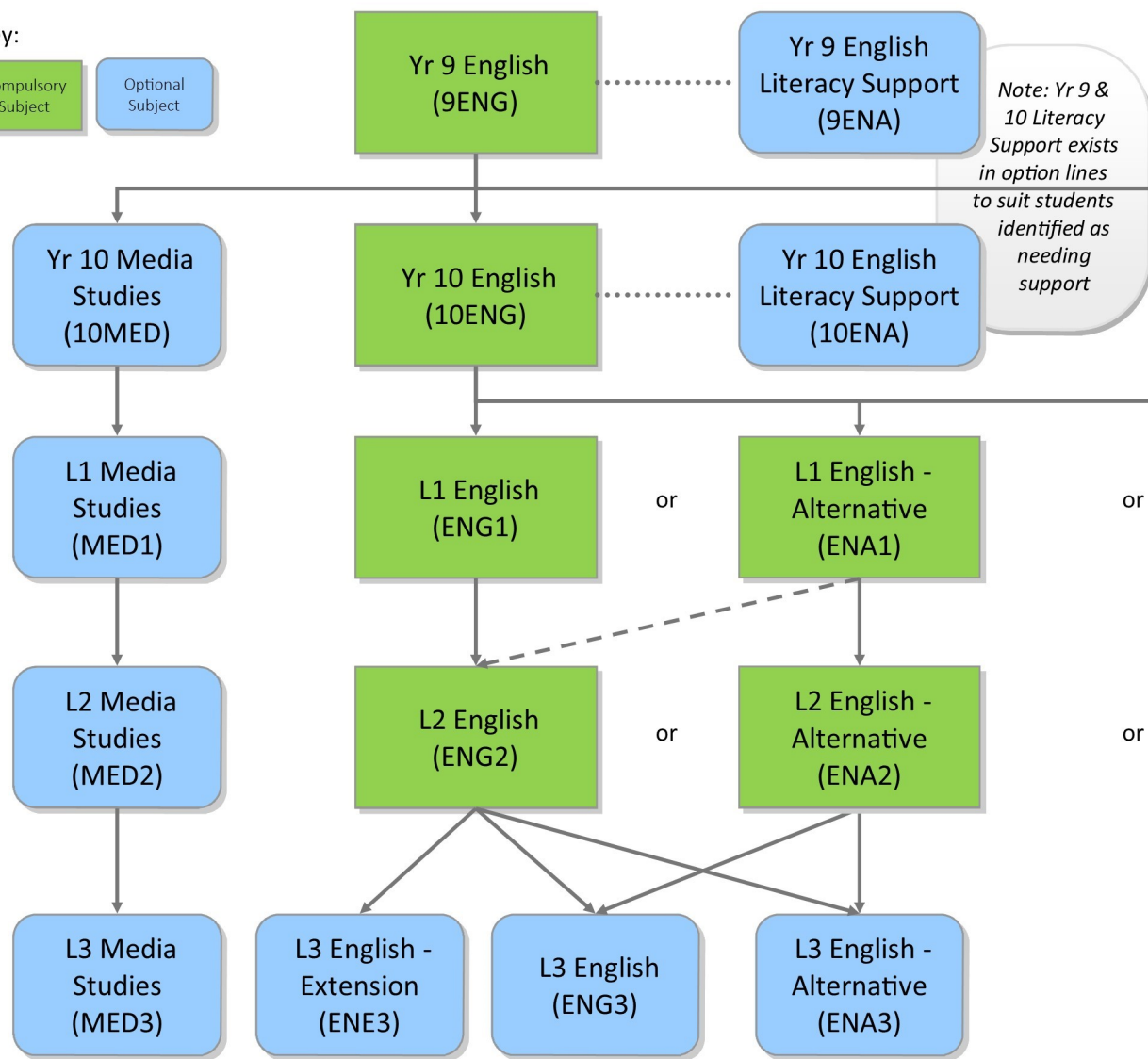
BDSC COURSE STRUCTURE 2017

Compulsory Subjects *Italic*. Optional Subjects Normal.

Learning Areas	Year 9	Year 10	Level 1	Level 2	Level 3
English	<i>English (9ENG)</i> English Literacy Support (9ENA) English as an Add. Lang. (9ENS)	<i>English (10ENG)</i> English Literacy Support (10ENA) Media Studies (10MED) English as an Add. Lang. (10ENS) English as an Add. Lang. (10ENP)	<i>English (ENG1)</i> <i>English - Alternative (ENA1)</i> Media Studies (MED1) <i>English as an Add. Lang. (ENS1)</i> <i>English as an Add. Lang. (ENP1)</i>	<i>English (ENG2)</i> <i>English - Alternative (ENA2)</i> Media Studies (MED2) <i>English as an Add. Lang. (ENS2)</i> <i>English as an Add. Lang. (ENP2)</i>	English - Extended (ENE3) English (ENG3) English - Alternative (ENA3) Media Studies (MED3) English as an Add. Lang. (ENS3)
Health & Physical Education	<i>Health & PE (9HPE)</i>	<i>Health & PE (10HPE)</i> Outdoor Leadership (10ODL) Physical Education (10PED)	<i>Health & PE (HPE1)</i> Early Childhood Education (ECE1) Health Education (HED1) Outdoor Education (OED1) Physical Education (PED1)	Early Childhood Education (ECE2) Health Education (HED2) Outdoor Education (OED2) Outdoor Education - Alternative (ODA2) Physical Education (PED2) Sports Leadership (SPL2)	Early Childhood Education (ECE3) Health Education (HED3) Outdoor Education (OED3) Physical Education (PED3) Sports Leadership (SPL3)
Languages	<i>French (9FRE)</i> <i>Japanese (9JAP)</i>	French (10FRE) Japanese (10JAP) Maori (10MAO) Spanish (10SPH)	French (FRE1) Japanese (JAP1) Maori (MAO1) Spanish (SPH1)	French (FRE2) Japanese (JAP2) Spanish (SPH2)	French (FRE3) Japanese (JAP3) Spanish (SPH3)
Mathematics	<i>Mathematics and Statistics (9MAT)</i>	<i>Maths. and Stats. (10MAT)</i> <i>Maths. and Stats. - Alternative (10MAA)</i> <i>Maths. and Stats. - Accelerated (MAX1)</i>	<i>Maths. and Stats. - Numeracy (MNU1)</i> <i>Maths. and Stats. - Alternative (MAA1)</i> <i>Maths. and Stats. (MAT1, MAE1)</i> <i>Maths. and Stats. - Accelerated (MAX2)</i>	Maths. and Statistics - Alternative (MAA2) Maths. and Statistics (MAT2) Maths. and Statistics - Extended (MAE2) Calculus - Accelerated (MAX3)	Calculus (MAC3) Calculus - Alternative (MCA3) Statistics and Prob. (SAP3) Statistics and Prob. - Alternative (SPA3) Mathematics (MAT3)
Science	<i>Science (9SCI)</i>	<i>Science (10SCI)</i> <i>Science - Accelerated (10SCX1)</i> Electronics (10ELE)	<i>Science (SC11)</i> <i>Science - Alternative (SCA1)</i> Supplementary Science (SCS1) Electronics (ELE1)	Biology (BIA2, BIO2) Chemistry (CHE2) Electronics (ELE2) Physics (PHY2)	Biology (BIA3, BIO3) Chemistry (CHE3) Electronics (ELE3) Physics (PHY3)
Social Sciences	<i>Social Studies (9SOS)</i>	<i>Social Studies (10SOS)</i> Ancient Civilisations (10ANC) Business Pathways (10BUP) Investigative Geography (10IGO)	Accounting (ACC1) Business Studies (BUS1) Economics (ECO1) Geography (GEO1) History (HIS1)	Accounting (ACC2) Business Studies (BUS2) Classical Studies (CLS2) Economics (ECO2) Financial Studies (FIN2) Geography (GEO2) History (HIS2) Travel and Tourism (TSM2)	Accounting (ACC3) Business Studies (BUS3) Classical Studies (CLS3) Economics (ECO3) Financial Studies (FIN3) Geography (GEO3) History (HIS3) Travel and Tourism (TSM3)
Technology	<i>Design and Visual Com. (9DVC)</i> <i>Food Technology (9TEF)</i> <i>Multi Materials Technology (9TEM)</i> <i>Textiles Technology (9TET)</i>	Design and Visual Com. (10DVC) Digital Technology (10DIT) Food Technology (10TEF) Multi Materials Technology (10TEM) Textiles Technology (10TET)	Digital Technologies (DIT1) Design and Visual Com. (DVC1) Food and Hospitality (FAH1) Food Technology (TEF1) Multi Materials Technology (TEM1) Textiles Technology (TET1)	Automotive Engineering (ATM2) Building Construction (BCN2) Digital Technologies with Programming (DIP2) Digital Technologies (DIT2) Design and Visual Com. (DVC2) Food and Hospitality (FAH2) Food Technology (TEF2) Microsoft Office Specialist (MOS2) Multi Materials Technology (TEM2) Textiles Technology (TET2)	Digital Technologies with Programming (DIP3) Digital Technologies (DIT3) Design and Visual Com. (DVC3) Food and Hospitality (FAH3) Food Technology (TEF3) Microsoft Office Specialist (MOS3) Multi Materials Technology (TEM3) Textiles Technology (TET3)
The Arts	<i>Dance (9DAN)</i> <i>Drama (9DRA)</i> <i>Music (9MUS)</i> <i>Visual Art (9ART)</i>	Dance (10DAN) Digital Art (10DRT) Drama (10DRA) Music (10MUS) Visual Art (10ART)	Dance (DAN1) Digital Art (DRT1) Drama (DRA1) Music (MUS1) Visual Art (ART1)	Dance (DAN2) Drama (DRA2) Music (MUS2) Visual Art (ART2) Art History (ARH2) Design (DES2) Photography (PHO2)	Dance (DAN3) Drama (DRA3) Music Practical (MUP3) Music Studies (MUS3) Visual Art (ART3) Art History (ARH3) Design (DES3) Photography (PHO3)
Vocational & General Courses			Work and Community Studies (WCS1)	Career Pathways (CAP2)	Career Pathways (CAP3)

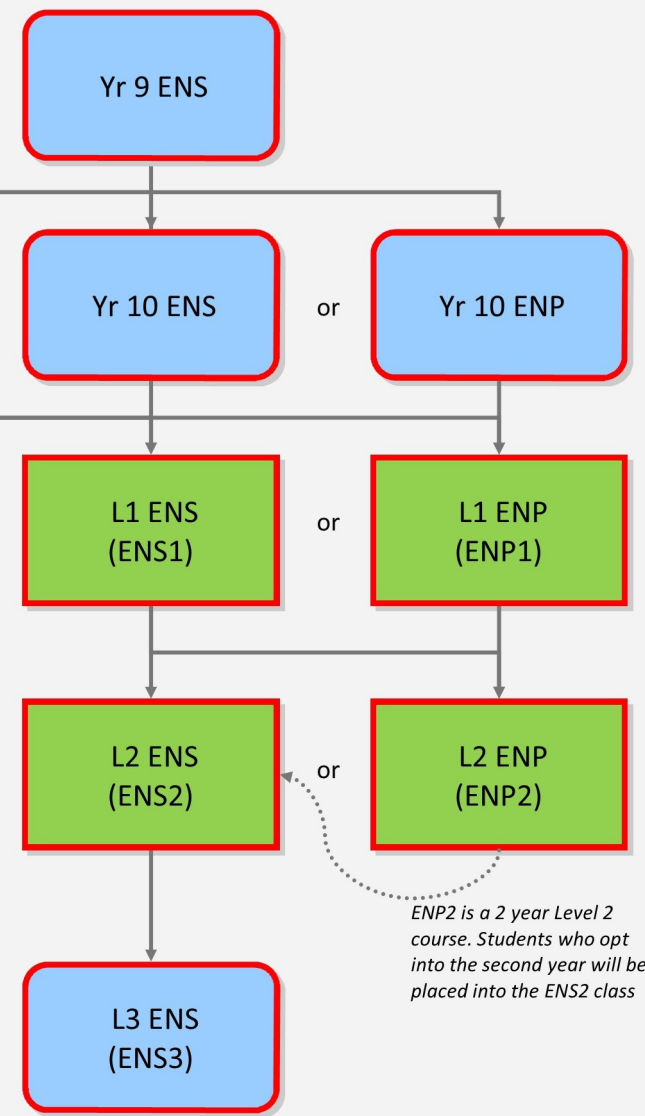
ENGLISH FLOWCHART 2017

Key:



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

ENGLISH AS ADDITIONAL LANGUAGE (EAL) FLOWCHART 2017

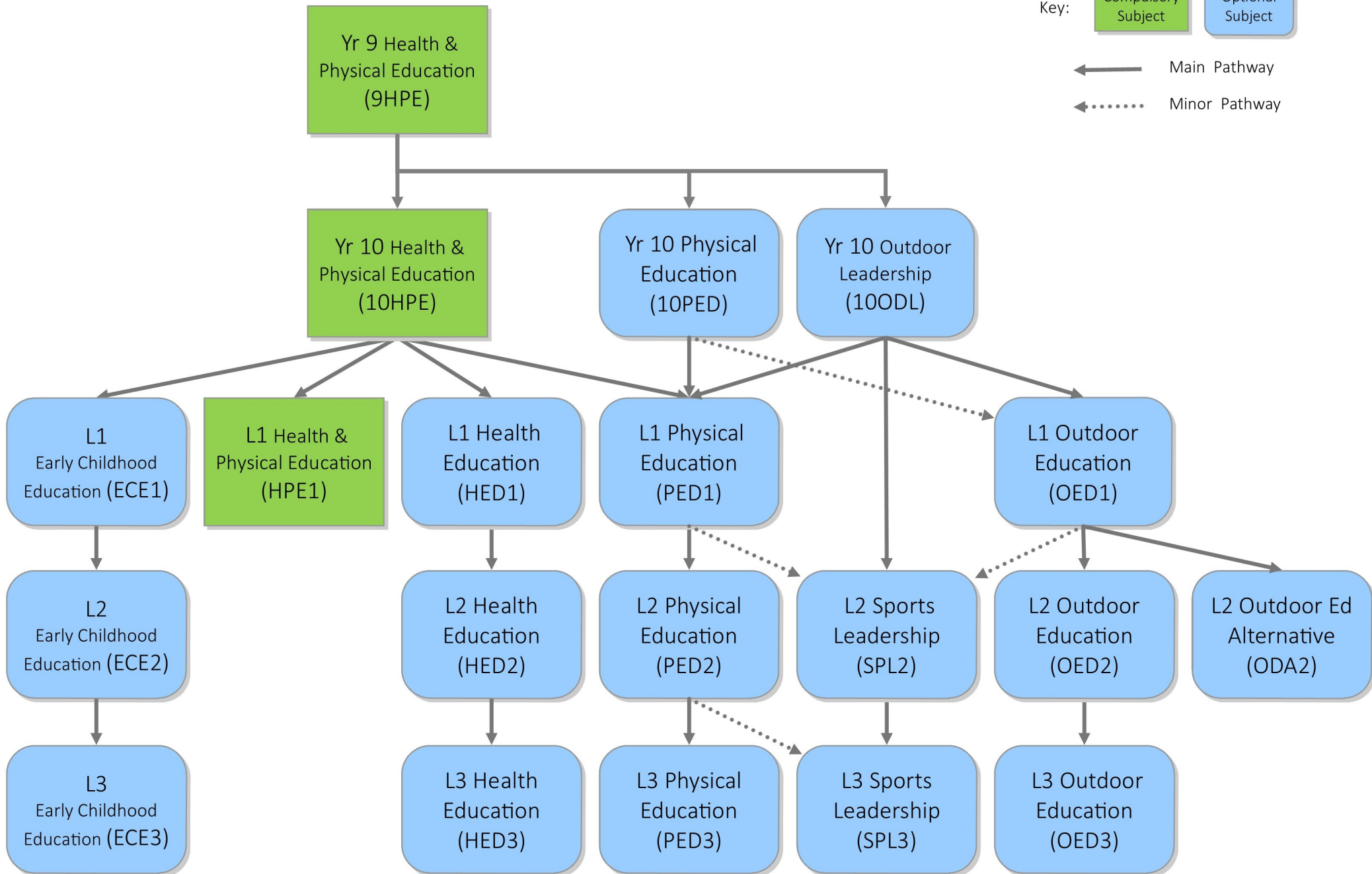
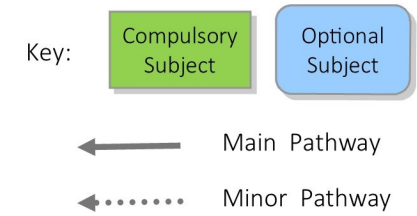


ENP2 is a 2 year Level 2 course. Students who opt into the second year will be placed into the ENS2 class

ENGLISH AS AN ADDITIONAL LANGUAGE

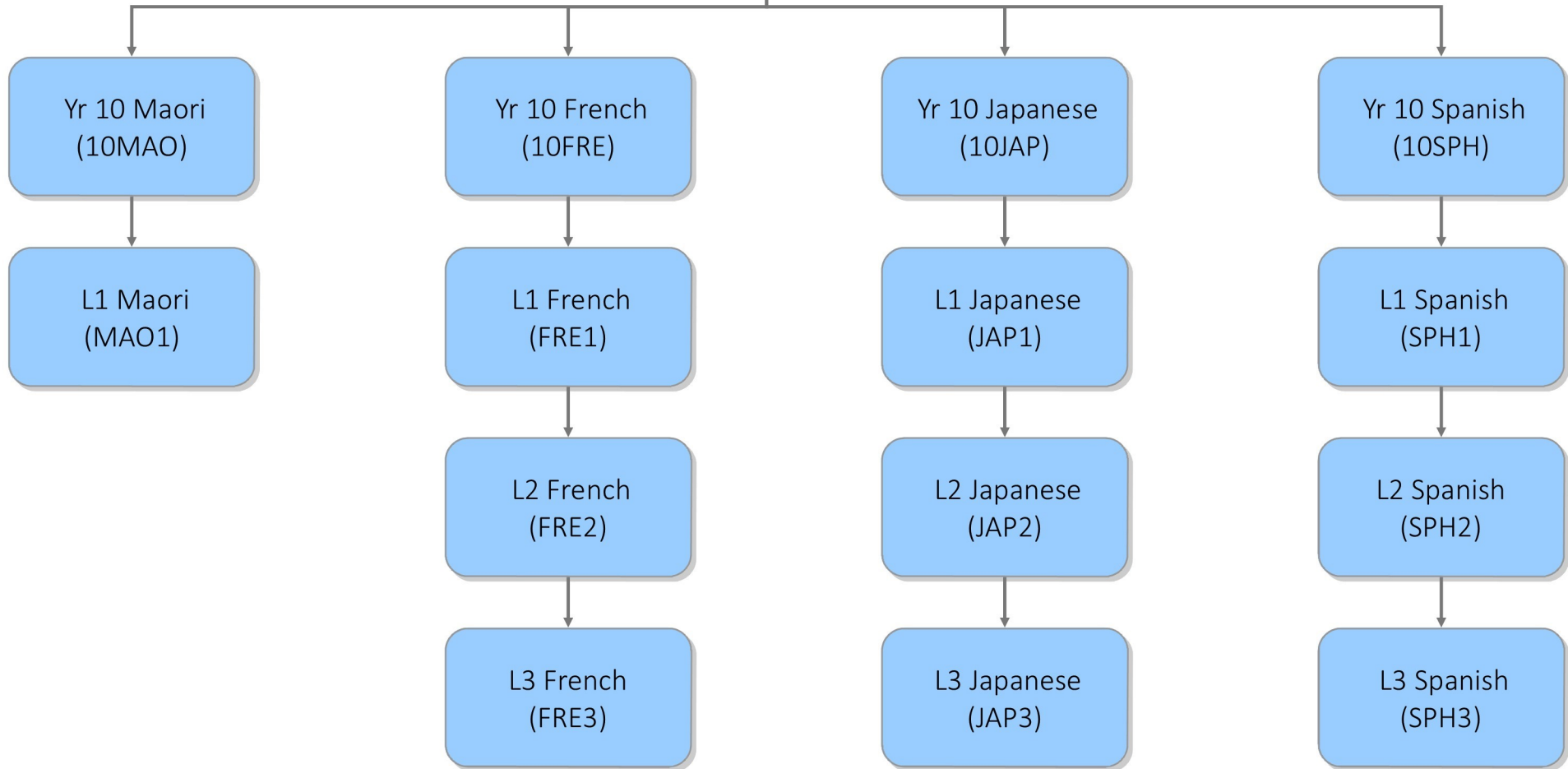
At Year 9 and 10 identified students may be removed from a Year 9 class or a Year 10 option line to attend 9ENS or 10ENS/10ENP class to support their language development.
 At Year 11/12/13 identified students may be placed in ENS or ENP instead of ENG, dependant on the Head of EAL recommendation. Students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

HEALTH & PHYSICAL EDUCATION FLOWCHART 2017

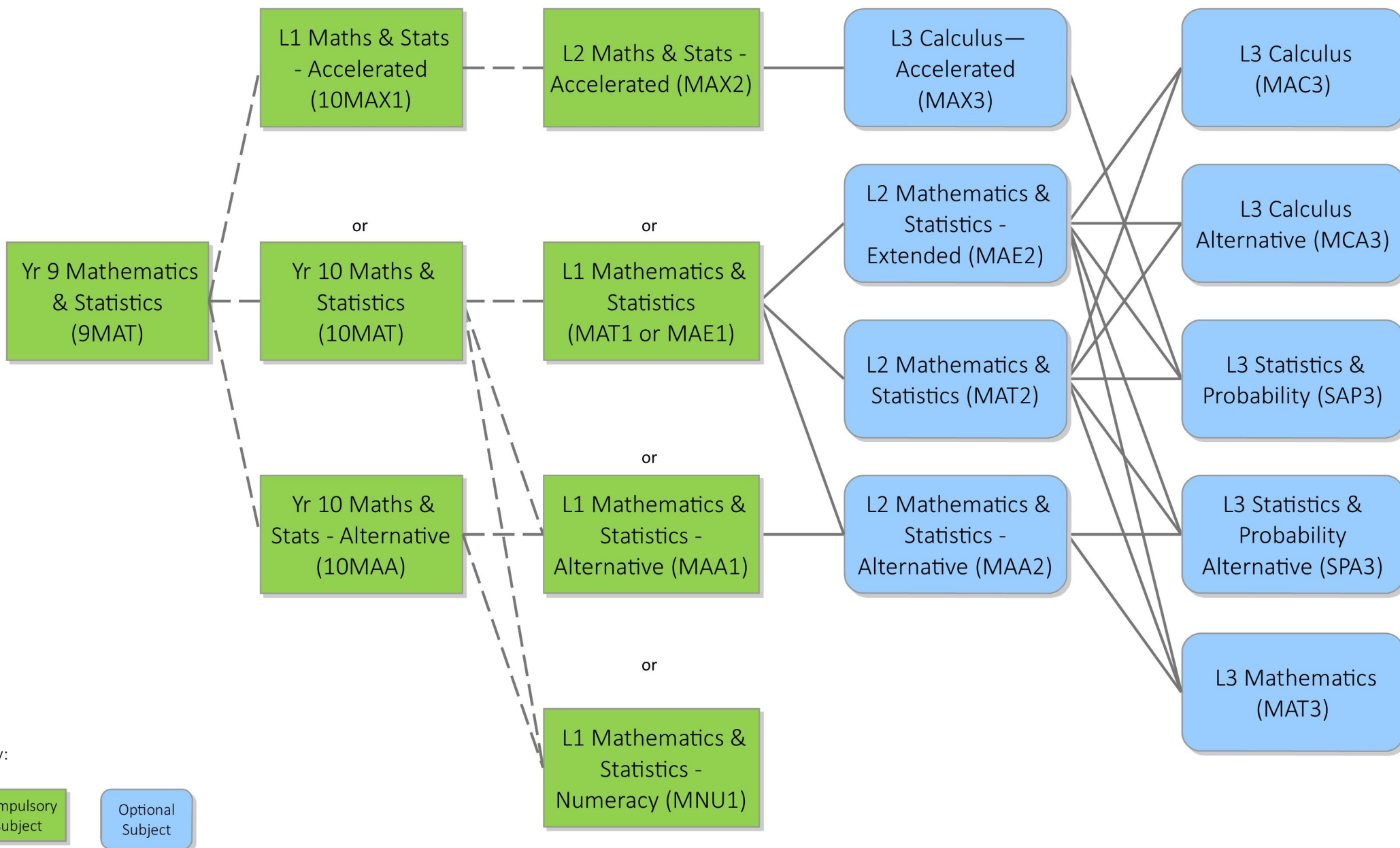


LANGUAGES FLOWCHART 2017

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



MATHEMATICS & STATISTICS - SUBJECT FLOWCHART 2017



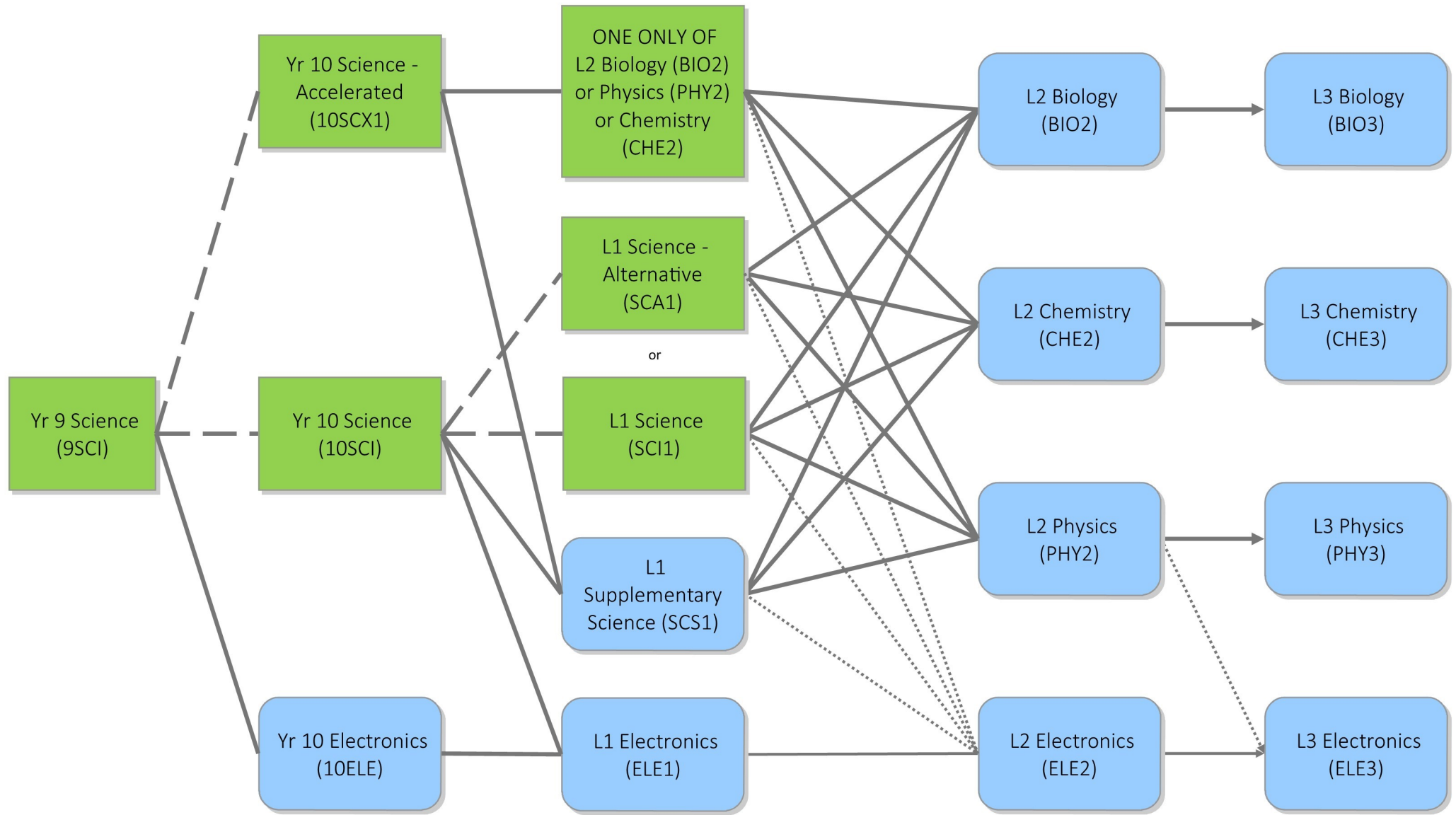
Key:

Compulsory Subject

Optional Subject

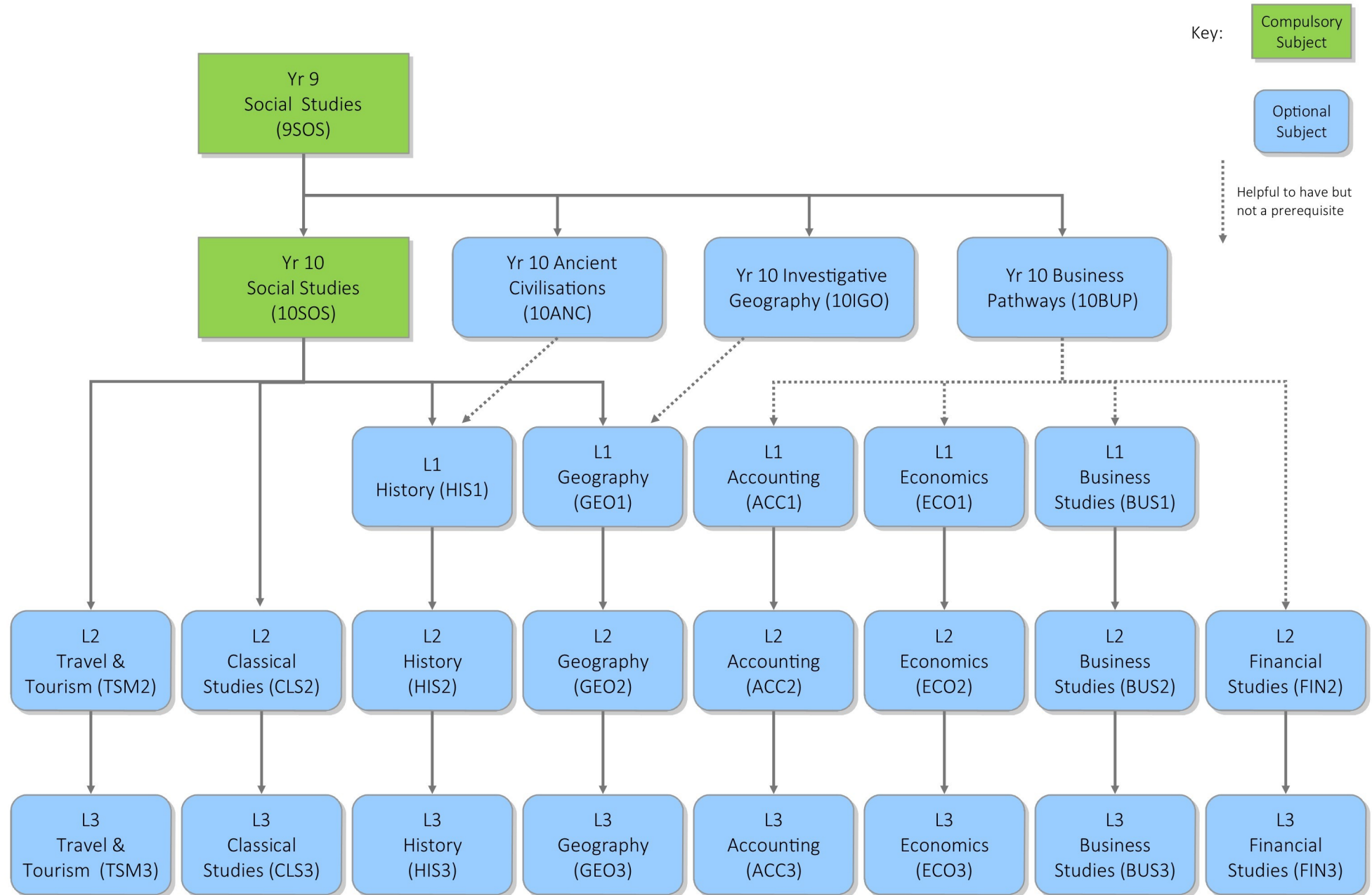
Key: Dashed lines refer to courses which are selected for the students by Mathematics staff

SCIENCE - SUBJECT FLOWCHART 2017



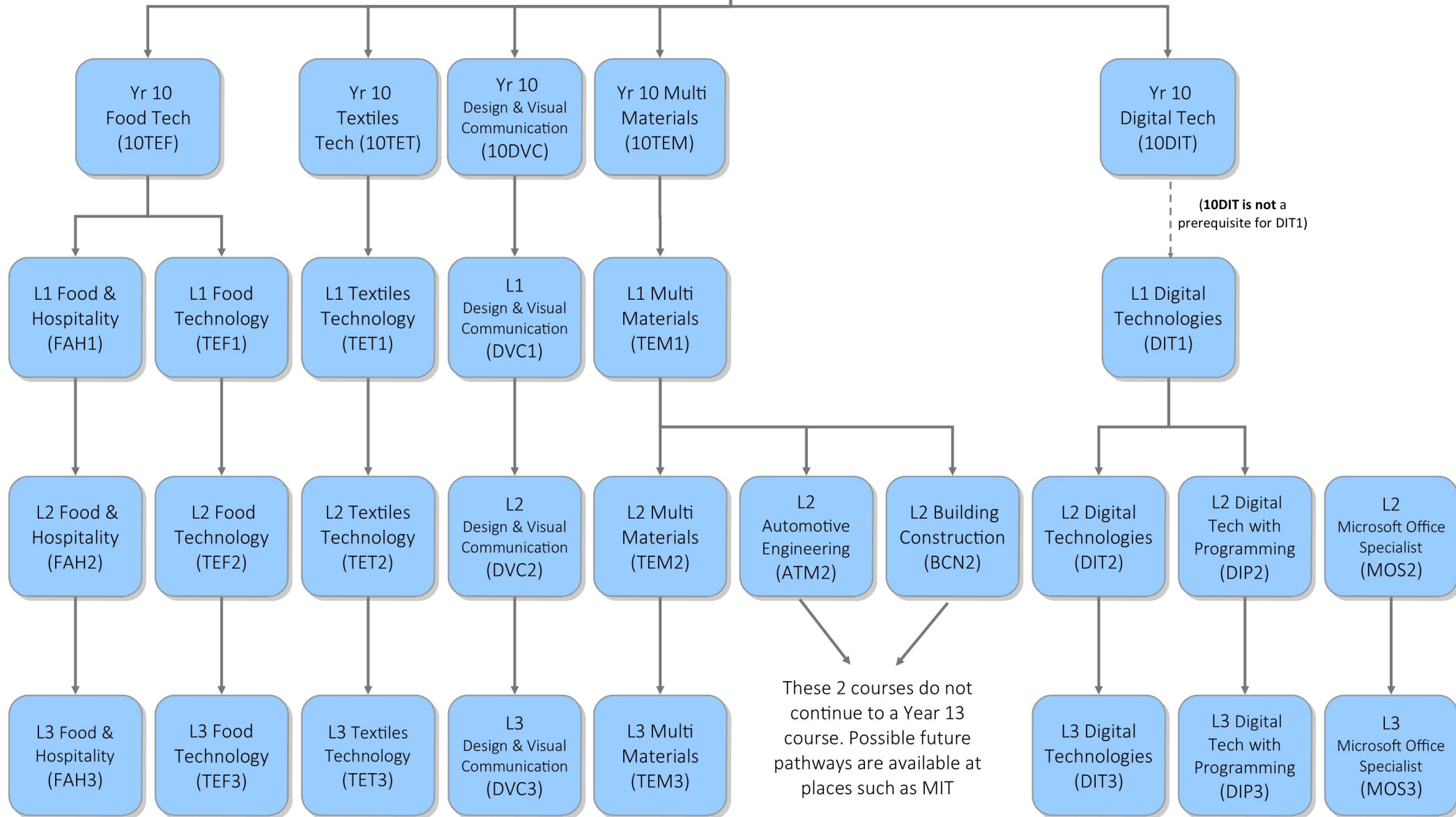
- Key:
- Compulsory Subject (Green box)
 - Optional Subject (Blue box)
 - Main Pathway (Solid line)
 - Other Pathway (Dotted line)
 - refer to a course which is selected for the students by Science staff (Dashed line)

SOCIAL SCIENCES - SUBJECT FLOWCHART 2017



TECHNOLOGY - SUBJECT FLOWCHART 2017

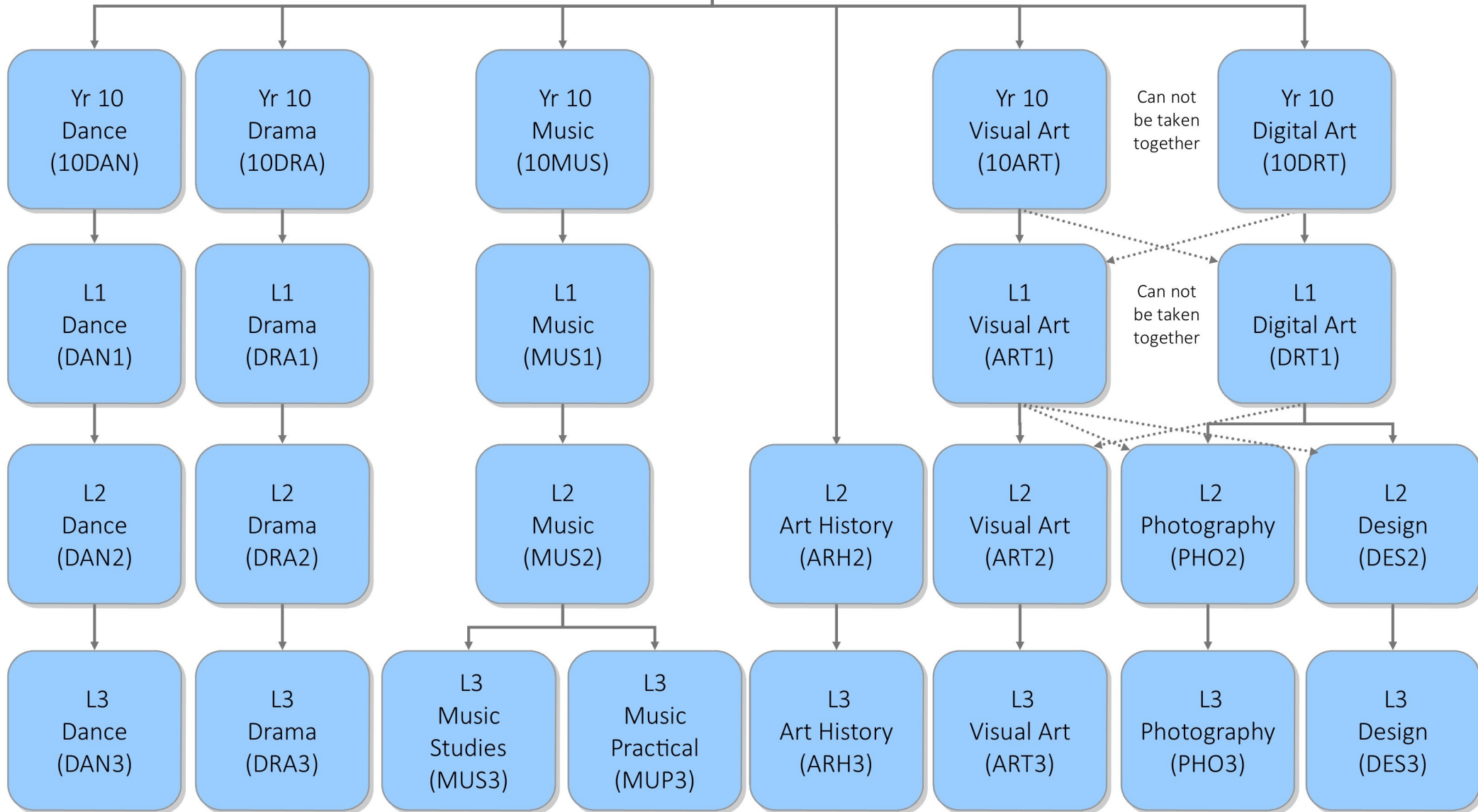
Yr 9 Food (9TEF), Textiles (9TET), Design & Visual Communication (9DVC),
Multi Materials (9TEM) (1 term each)



VISUAL & PERFORMING ARTS - SUBJECT FLOWCHART 2017

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

With portfolio application
and HOLA approval
.....→



ENGLISH (ENG1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil
Fieldwork:	Nil
Approximate Course Costs:	Nil
Course Leads to:	Level 2 English
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Scott-Knight
HOLA in charge of subject:	Ms Logan

COURSE OUTLINE

English is compulsory at Year 11. There are 4 different Level 1 English courses. Students will be placed into the appropriate course by the Head of English according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

Most students will be placed into the English (ENG1) course. This is a course designed to develop the skills and understanding that students have gained from junior English. In English we hope to foster an appreciation and enjoyment of language. Students will be taught the skills needed to think critically and to communicate their ideas through their study of written and visual texts.

During the year students will study short, extended written and a visual text. They will develop their creative, formal and transactional writing skills as well as having the option to complete the speech assessment. The study that students complete will lead to internal assessments as they undertake their studies and three external assessments at the end of the year.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90052 or AS90053	English 1.4 English 1.5	Produce creative writing Produce formal writing	Internal Internal	3	L L	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
AS90852	English 1.8	Explain significant connections across texts	Internal	4	L	✓	✓	✓	✓	✓	✓
AS90856	English 1.11	Show understanding of visual/oral texts through close viewing/listening.	Internal	3	L	✓	✓	✓	✓	✓	✓
<i>NCEA External Achievement Standards</i>											
AS90849	English 1.1	Show understanding of specified aspects of studied written text(s) using supporting evidence	External	4	L	✓	✓	✓	✓	✓	✓
AS90850	English 1.2	Show understanding of specified aspect(s) of studied visual or oral text(s) using supporting evidence	External	4	L	✓	✓	✓	✓	✓	✓
AS90851	English 1.3	Show understanding of significant aspects of unfamiliar written texts through close reading, using supporting evidence.	External	4	L	✓	✓	✓	✓	✓	✓
<i>Possible Credits Available</i>			22 Credits								

ENGLISH - ALTERNATIVE (ENA1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil
Fieldwork:	
Approximate Course Costs:	Nil
Course Leads to:	Level 2 English
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Scott-Knight
HOLA in charge of subject:	Ms Logan

COURSE OUTLINE

English is compulsory at Year 11. There are 4 different Level 1 English courses. Students will be placed into the appropriate course by the Head of English according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

English Alternative (ENA1) is a specialised course designed to provide students with further support and encouragement to complete the literacy requirements of Level One.

Students will study short, extended written, and a visual text. The study that students complete will lead to internal assessments that are designed to complement and reinforce their learning in each area and prepare them for the external assessments. The students will be entered for two external assessments.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>												
AS90857	English 1.6	Construct and deliver an oral presentation	Internal	3	L	✓	✓	✓	✓	✓	✓	
AS90852	English 1.8	Explain significant connections across texts	Internal	4	L	✓	✓	✓	✓	✓	✓	
AS90856	English 1.11	Show understanding of visual/oral texts through close viewing/listening.	Internal	3	L	✓	✓	✓	✓	✓	✓	
<i>NCEA External Achievement Standards</i>												
AS90849	English 1.1	Show understanding of specified aspects of studied written text(s) using supporting evidence	External	4	L	✓	✓	✓	✓	✓	✓	
AS90850	English 1.2	Show understanding of specified aspect(s) of studied visual or oral text(s) using supporting evidence	External	4	L	✓	✓	✓	✓	✓	✓	
				<i>Possible Credits Available</i>		18 Credits						

ENGLISH as an ADDITIONAL LANGUAGE (ENS1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Satisfactory English in Listening/Speaking/Reading/Writing
Fieldwork:	There may be film and/or theatre performances that students will be expected to attend
Approximate Course Costs:	Nil
Course Leads to:	Level 2 English/12ENS
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 11. There are 4 different Level 1 English courses. Students will be placed into the appropriate course by the Head of English according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

English as an Additional Language (ENS1) is a course designed specifically for English Language Learners who would benefit from a specialised programme of study. It uses English Achievement Standards to allow students to gain the Level 1 Literacy requirements.

Students will develop skills in reading, writing, speaking and listening through standards which link to NCEA Level 1 English.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90857	English 1.6	Construct and deliver an oral text	Internal	3	L	✓	✓	✓	✓	✓	✓
AS90854	English 1.10	Form personal responses to independently read texts supported by evidence	Internal	4	L	✓	✓	✓	✓	✓	✓
AS90856	English 1.11	Show understanding of visual/oral texts through close viewing/listening	Internal	3	L						
<i>NCEA External Achievement Standards</i>											
AS90849	English 1.1	Show understanding of specified aspect(s) of studied written text(s) using supporting evidence	External	4	L	✓	✓	✓	✓	✓	✓
AS90850	English 1.2	Show understanding of specified aspect(s) of studied visual or oral text(s) using supporting evidence	External	4	L	✓	✓	✓	✓	✓	✓
<i>Possible Credits Available</i>			18 Credits								

ENGLISH as an ADDITIONAL LANGUAGE (ENP1)

COURSE INFORMATION

Qualification and level:	NCEA English Language unit standards
Course Prerequisites:	Some written and spoken English
Fieldwork:	N/A
Approximate Course Costs:	Nil
Course Leads to:	NCEA Level 2 English (ENS/ENP)
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 11. There are 4 different Level 1 English courses. Students will be placed into the appropriate course by the Head of English according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

English as an Additional Language (ENP1) is a specialised course. It is designed specifically for Year 11 students who have been in New Zealand fewer than two years and are permanent residents or international fee-paying students. Their English needs further support before tackling an NCEA Level 2 English course.

The course aims to:

- Assist students who need to improve academic English language skills
- Support learning in other subjects by careful selection of topics and course components
- Scaffold students into the types of tasks and texts needed to achieve EL Level 2 Unit Standards

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
27999	English Language 2	Write simple texts on familiar topics (EL)	Internal	8							
27983	English Language 2	Read and understand simple texts on familiar topics (EL)	Internal	8							
28022	English Language 2	Demonstrate understanding of simple spoken information on familiar topics (EL)	Internal	5							
<i>Possible Credits Available</i>			21 Credits								

MATHEMATICS & STATISTICS (MAT1 or MAE1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Mathematics (or at discretion of HOLA)
Fieldwork:	Nil
Approximate Course Costs:	EAS workbook & Education Perfect approx \$45, FX9750GII Casio Graphic calculator is compulsory -approximately \$120
Course Leads to:	NCEA Level 2 Mathematics Extension, Level 2 Mathematics or Mathematics Alternative
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Kaur
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

Mathematics is compulsory at Year 11. There are 3 different Level 1 Mathematics courses. Students will be placed into the appropriate course by the Head of Mathematics according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

Mathematics & Statistics (MAT1) is an academic course that build on students' algebraic and statistical skills and knowledge of Mathematics and Statistics that enable students to succeed in the Level 2 NCEA Mathematics course the following year. The course consists of advanced Mathematics and Statistics standards. Topics include: Algebra, Graphs, Geometry, Statistics, Probability and Trigonometry. Some 11MAT students will be doing three internals (AS91029, AS91038, AS91035) and three externals (AS91027, AS91028, AS91031). Some 11MAT students will be doing two internals (AS91035, AS91038) and four externals (AS91027, AS91028, AS91031, AS91037)

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>												
AS91029	Maths & Stats 1.4	Apply linear algebra in solving problems	Internal	3	N	✓	✓	✓	✓	✓	✓	
AS91038	Maths & Stats 1.13	Investigate a situation involving elements of chance	Internal	3	L/N	✓	✓	✓	✓	✓	✓	
AS91035	Maths & Stats 1.10	Investigate a given multivariate data set using the statistical enquiry	Internal	4	L/N	✓	✓	✓	✓	✓	✓	
<i>NCEA External Achievement Standards</i>												
AS91027	Maths & Stats 1.2	Apply algebraic methods in solving problems	External	4	N	✓	✓	✓	✓	✓	✓	
AS91028	Maths & Stat 1.3	Investigate relationship between tables, equations or graphs	External	4	N	✓	✓	✓	✓	✓	✓	
AS91031	Maths & Stat 1.6	Apply geometric reasoning in solving problems	External	4	N	✓	✓	✓	✓	✓	✓	
AS91037	Maths & Stats 1.12	Demonstrate understanding of chance and data	External	4	N			✓	✓	✓	✓	
				<i>Possible Credits Available</i>		22/23 Credits						

MATHEMATICS & STATISTICS - ACCELERATED (MAX2)

COURSE INFORMATION

Qualification and level:	NCEA Level 2
Course Prerequisites:	Merit or higher in all NCEA Level 1 Mathematics and Statistics External achievement standards and 1.10 and 1.13.
Fieldwork:	Nil
Approximate Course Costs:	EAS workbook & Education Perfect approx \$45, FX9750GII Casio Graphic calculator is compulsory -approximately \$120
Course Leads to:	This course will lead to NCEA Level 3 Mathematics with Calculus and NCEA Level 3 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 Yu
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

This course is designed for Year 11 students who have been accelerated up to a Level 2 Mathematics course. These students will be chosen by the Head of Mathematics according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

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 the Year 11 accelerated course. 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 1 & 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 22 and 23 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	L/N			✓	✓	✓	✓
<i>Possible Credits Available</i>			24 Credits								

MATHEMATICS & STATISTICS - ALTERNATIVE (MAA1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Mathematics (or at discretion of HOLA)
Fieldwork:	Nil
Approximate Course Costs:	Workbook-Nulake IAS series approx. \$35.FX9750GII Casio Graphic calculator is compulsory -approximately \$120
Course Leads to:	NCEA Level 2 Mathematics Alternative
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Kaur
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

Mathematics is compulsory at Year 11. There are 3 different Level 1 Mathematics courses. Students will be placed into the appropriate course by the Head of Mathematics according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

The Mathematics & Statistics Alternative (MAA1) course consists of Level 1 internal Achievement Standards . It is designed for students who find Year 10 Mathematics challenging and need support in gaining Level 1 Numeracy credits in Year 11. Topics include: Algebra, Graphs, Trigonometry, Statistics, and Probability.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS91035	Maths & Stats 1.10	Investigate a given multivariate data set using the statistical enquiry	Internal	4	L/N	✓	✓	✓	✓	✓	✓
AS91038	Maths & Stats 1.13	Investigate a situation involving elements of chance	Internal	3	L/N			✓	✓		✓
AS91029	Maths & Stats 1.4	Apply linear algebra in solving problems	Internal	3	N	✓	✓	✓	✓	✓	✓
AS91026	Maths & Stats 1.1	Apply Numeric reasoning in solving problems	Internal	4	N	✓	✓	✓	✓	✓	✓
AS91032	Maths & Stats 1.7	Apply right angled triangle in solving measurement problems	Internal	3	N	✓	✓	✓	✓		✓
<i>Possible Credits Available</i>				17 Credits							

MATHEMATICS & STATISTICS - NUMERACY (MNU1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Mathematics (or at discretion of HOLA)
Fieldwork:	Nil
Approximate Course Costs:	\$10
Course Leads to:	NCEA Level 1 Mathematics Alternative
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	
HOLA in charge of subject:	Ms Bennet

COURSE OUTLINE

Mathematics is compulsory at Year 11. There are 3 different Level 1 Mathematics courses. Students will be placed into the appropriate course by the Head of Mathematics according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

The Mathematics & Statistics Numeracy (MNU1) course is designed for students who found Year 10 Mathematics challenging. This course consists of three Level 1 numeracy Unit Standards: 26623– Use Number to solve problems, 26626– Interpret statistical information for a purpose and 26627– Use measurement to solve problems. These numeracy standards will give students the opportunity to gain 10 Level 1 numeracy credits.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
US26623		Use number to solve problems	Internal	4	N						
US26626		Interpret statistical information for a purpose	Internal	3	N						
US26627		Use measurement to solve problems	Internal	3	N						
<i>Possible Credits Available</i>			10 Credits								

SCIENCE (SCI1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Science, Average of 'Achieved' grade or better. HOLA recommendation may allow exemption.
Fieldwork:	Nil
Approximate Course Costs:	\$20.00 (for Education perfect online resources)
Course Leads to:	NCEA Level 2/Year 12 Biology, Chemistry, Physics, and Electronics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Kumar
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

Science is compulsory at Year 11. There are 2 different Level 1 Science courses. Students will be placed into the appropriate course by the Head of Science according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

Science (SCI1) aims to develop understanding of the living, chemical and physical aspects of the world around us. It is a vital component of a sound general education for the modern world. This course is a general science course that provides some background towards preparing for study in Year 12 (NCEA Level 2) Biology, Chemistry, Physics and Electronics. Topics studied in this course: biology - genetics; chemistry—acids and bases; physics - mechanics. The emphasis in the course is learning through practical experience, a sound investigative basis and applying scientific concepts to relevant contexts. The relevance of scientific concepts to understanding technology and relating these to society is also important.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90935	Physics 1.1	Carry out a practical investigation, with direction, that leads to a linear mathematical relationship	Internal	4	N	✓	✓	✓	✓	✓	✓
AS90926	Biology 1.2	Report on a biological issue	Internal	3	L			✓	✓		
<i>NCEA External Achievement Standards</i>											
AS90940	Science 1.1	Demonstrate understanding of aspects of mechanics	External	4	N	✓	✓	✓	✓	✓	✓
AS90944	Science 1.5	Demonstrate an understanding of chemical ideas relating to acids and bases	External	4	-	✓	✓	✓	✓	✓	✓
AS90948	Science 1.9	Demonstrate understanding of genetic variation	External	4	L		✓	✓	✓	✓	
				<i>Possible Credits Available</i>		19 Credits					

SCIENCE - ALTERNATIVE (SCA1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Science, below an average 'achieved' grade
Fieldwork:	Nil
Approximate Course Costs:	\$20 (Education perfect online resources)
Course Leads to:	NCEA Level 2/Year 12 Biology, Chemistry, Physics, and Electronics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Darby
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

Science is compulsory at Year 11. There are 2 different Level 1 Science courses. Students will be placed into the appropriate course by the Head of Science according to the students performance in Year 10 and teacher recommendation. Students do not choose this placement.

This course (11SCA) is an alternative to Year 11 core Science (11SCI) and is still compulsory. It is a general science course that gives a basic understanding of science and is intended for students who have not yet performed as well as expected in Year 10 Science. Students from the previous year's Year 10 cohort will be selected based on need to be in this 11SCA class.

The 11SCA course earns credits towards NCEA (Level 1) and the content enables students, upon successful completion, to apply for Year 12 sciences. Application will be based on the level of achievement for the year.

Most of the course is internally assessed against Achievement Standards that focus on describing skills and knowledge that students develop throughout the year. These skills include the ability to research and interpret scientific information, tables and graphs, and carry out investigations. The students will be entered for two external standards which will give them the opportunity to get merit or excellence endorsement. This should enable students whose scientific knowledge flourishes to be entered for level two sciences.

Science aims to develop understanding of the living, chemical and physical aspects of the world around us. It is a vital component of a sound general education for the modern world so we can better cope with its technological nature, and make informed decisions in our everyday lives.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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>												
AS90925	Biology 1.1	Carry out a practical investigation in biological context, with direction.	Internal	4	L		✓	✓	✓	✓		
AS90953	Science 1.8	Investigate selected chemical reactions	Internal	4	L			✓	✓		✓	
AS90935	Physics 1.1	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	Internal	4	N	✓	✓	✓		✓	✓	
<i>NCEA External Achievement Standards</i>												
AS90948	Science 1.9	Demonstrate understanding of genetic variation	External	4	L		✓	✓		✓		
AS90940	Science 1.1	Demonstrate understanding of aspects of mechanics	External	4	N	✓	✓	✓	✓	✓	✓	
<i>Possible Credits Available</i>				20 Credits								

HEALTH & PHYSICAL EDUCATION (HPE1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil
Fieldwork:	Students will participate in physical activity and recreational/leisure pursuits
Approximate Course Costs:	There is a cost of approximately \$40 for recreation courses and contribute towards outside speakers
Course Leads to:	Lifelong physical activity
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Miss McLachlan
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Health & Physical Education is compulsory at Year 11.

This compulsory programme consists of one period a week. It involves students participating actively in a variety of sporting, fitness and recreational pursuits and further developing their ability to make informed decisions in relation to issues that adolescents are faced with. The practical part of the course will involve students engaging in physical activities for their personal well-being and gaining further understanding of what is essential for lifelong physical well-being. This will involve exposure to a range of different sporting, recreational and leisure pursuits. The health component of the course will cover key health issues such as sexuality, drugs and alcohol, mental health, and cyber safety and will include some presentations from outside agencies.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90962	Physical Education 1.1	Participate actively in a variety of physical activities and explain factors that influence own participation	Internal	5							
<i>Possible Credits Available</i>			18 Credits								

ACCOUNTING (ACC1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Successful completion of year 10 BUP. Others who have not done 10BUP will also be considered at HOD /TIC discretion
Fieldwork:	Nil
Approximate Course Costs:	\$70 Workbook and Fee
Course Leads to:	NCEA Level 2 Accounting
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs McArthur
HOLA in charge of subject:	Mr Andrew

COURSE OUTLINE

Accounting is central to success in business, as well as any other large scale endeavour where financial resources are being used. Accountants provide the vital information that allows business people, government or even private individuals to make the right decisions that are crucial to success. The aim of Level 1 Accounting is to provide students with knowledge and skills in Accounting. These include processing accounting information, preparation and presentation of this information in financial statements, and finally a complete analysis of these statements to offer advice to business. Students will find this course interesting, challenging and practical. The study of Accounting at Year 11 provides a good basis of knowledge no matter what career is considered in the future.

It is important to note that this course is a prerequisite if students are intending to take Accounting in Year 12 the following year.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>												
AS90977	Accounting 1.2	Process financial transactions for a small entity.	Internal	5	-				✓		✓	
AS90979	Accounting 1.4	Prepare financial information for a community organisation's annual general meeting.	Internal	4	L							
<i>NCEA External Achievement Standards</i>												
AS90978	Accounting 1.3	Prepare financial statements for sole proprietors.	External	5	-							
AS90980	Accounting 1.5	Interpret accounting information for sole proprietors.	External	4	L			✓			✓	
				<i>Possible Credits Available</i>		18 Credits						

BUSINESS STUDIES (BUS1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Successful completion of year 10 BUP. Others who have not done 10BUP will also be considered at HOD discretion
Fieldwork:	AS 90842 required out of class activity where students sell their products within a safe environment
Approximate Course Costs:	Approximately \$30 for EOTC to be confirmed.
Course Leads to:	NCEA Level 2 Business Studies (Achievement standards)
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Sharma
HOLA in charge of subject:	Mr Andrew

COURSE OUTLINE

Business Studies 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 2 and 3. You may contact Mr Sharma for further information regarding the course.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90840	Business 1.4	Apply the marketing mix to a new or existing product	Internal	3	L			✓	✓		✓
AS90841	Business 1.5	Investigate aspects of human resource processes in a business	Internal	3	L			✓			
AS90842	Business 1.6	Carry out and review a product-based business activity within a classroom context with direction	Internal	6	L			✓			
<i>NCEA External Achievement Standards</i>											
AS90837	Business 1.1	Demonstrate an understanding of internal features of a small business	External	4	L			✓	✓		✓
AS90838	Business 1.2	Demonstrate an understanding of the external environment of a small business	External	4	L			✓	✓		✓
<i>Possible Credits Available</i>			20 Credits								

DANCE (DAN1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Dance
Fieldwork:	\$35
Approximate Course Costs:	\$50 –Dance workshops, guest tutors
Course Leads to:	NCEA Level 1 Dance
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Rakanui
HOLA in charge of subject:	Mrs Rakanui

COURSE OUTLINE

This course explores and develops the elements, structures and devices of dance. Students will be required to be physically active during all classes. They will work independently and collaboratively on: solo dance work, group choreography and technique classes in a variety of dance genre. (Hip Hop, Ballet, Contemporary, Maori, Pacific, Jazz etc). Students will perform their assessments in the end of Term 3 dance production, where they will be assessed live. Home work will be on-going, students will rehearse their dance work for home work and complete a daily journal.

The external assessments require students to view, interpret and respond to dance styles or genres and it is expected that they attend theatre outings and workshops during the year to be able to demonstrate their knowledge in the written exam.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>												
AS90858	Dance 1.1	Compose dance sequences for given briefs	Internal	6	-						✓	
AS90002	Dance 1.2	Perform dance sequence	Internal	6	-						✓	
AS90859	Dance 1.3	Demonstrate ensemble skills in a dance	Internal	4	-						✓	
AS90860	Dance 1.4	Demonstrate understanding of the elements of dance	Internal	4							✓	
<i>NCEA External Achievement Standards</i>												
AS90861	Dance 1.5	Demonstrate understanding of a dance performance	External	4	L						✓	
<i>Possible Credits Available</i>				24 Credits								

DESIGN & VISUAL COMMUNICATION (DVC1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Design and Visual Communication is an advantage.
Fieldwork:	Nil
Approximate Course Costs:	\$20, Students need to buy their own instruments.
Course Leads to:	NCEA Level 2 Design and Visual Communication
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Achary
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

Design and Visual Communication is about communicating design ideas through graphical means. The subject starts at Year 9 and carries through to Year 13 and provides an excellent basis for tertiary study in the design field. Many Year 13 students continue to pursue studies in architecture, product design, graphic design, engineering or other related areas of study. In Year 11, students will be undertaking the Level 1 NCEA programme. This builds on the Year 10 work but requires a greater depth of analysis and justification of design ideas through visual communication due to the increased complexity of the design briefs. Presentation is also expected to be of a higher standard to reflect their more technical nature. This course is assessed against 6 Achievement Standards, providing the opportunity for students to gain a maximum of 22 credits. There is no examination, however 3 of the Achievement Standards will be assessed internally during the year and the other 3 will be submitted in a folio at the end of the year for external marking. During the year, students will undertake a range of design projects covering the different areas of design and visual communication study.

It is important to note that this course is a prerequisite if students are intending to take DVC in Year 12 the following year.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS91066	Graphics 1.33	Use rendering techniques to communicate the form of design ideas	Internal	3		✓	✓				✓
AS91068	Graphics 1.35	Undertake development of design ideas through graphics practice.	Internal	6		✓	✓				✓
AS91069	Graphics 1.36	Promote an organised body of design work to an audience using visual communication techniques.	Internal	4	L	✓	✓				✓
<i>NCEA External Achievement Standards</i>											
AS91063	Graphics 1.30	Produce freehand sketches to communicate design ideas	External	3		✓	✓				✓
AS91064	Graphics 1.31	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	External	3	N	✓	✓				✓
AS91065	Graphics 1.32	Produce instrumental praline drawings to communicate design ideas	External	3	N	✓	✓				✓
<i>Possible Credits Available</i>				22 Credits							

DIGITAL TECHNOLOGIES (DIT1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil
Fieldwork:	Nil
Approximate Course Costs:	\$10 online course, \$10 USB memory stick
Course Leads to:	NCEA Level 2 Digital Technologies or Digital Programming
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Patchigalla
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

Level 1 Digital Technologies will help you further improve your computer skills. You will be learning how to design and develop websites using HTML5/CSS3, computer science concepts and write python code to create basic programs, integrate access database into a word document, and create and manipulate graphics designs. This is a taster course that will provide students with a wide range of experiences. Students will decide at the end of the year if they want to pursue Digital Technologies with multimedia (12DIT) direction or if they are more interested in the computer science and programming (12DIP).

The Level 1 Digital Technologies curriculum allows students to develop skills that will be of benefit to their other subjects and provide a good foundation for Level 2 Digital Technologies with media or programming. This course offers students exposure to software and concepts that are commonly found within industry. These skills are required by further education providers and employers. It also develops their ability in critical thinking, design and understanding of many of the ethical issues that are emerging in our digital society.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS91071	Digital Technologies	Implement basic procedures to produce a specified digital information outcome	Internal	4			✓	✓		✓	✓
AS91073	Digital Technologies	Implement basic procedures to produce a specified digital media outcome	Internal	4			✓	✓			✓
AS91076	Digital Technologies	Construct a basic computer program for a specified task	Internal	3			✓				✓
AS91080	Digital Technologies	Demonstrate understanding of the common components of basic digital infrastructure	Internal	3			✓				
<i>NCEA External Achievement Standards</i>											
AS91070	Digital Technologies	Demonstrate understanding of basic concepts of information management	External	3	L		✓	✓			✓
AS91074	Digital Technologies	Demonstrate understanding of basic concepts of computer science	External	3							
<i>Possible Credits Available</i>			20 Credits								

DRAMA (DRA1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Successful completion of Year 10 Drama or HOD approval
Fieldwork:	Students are required to see at least one professional theatre performances during the year
Approximate Course Costs:	\$25 (Productions, workshop and resources for assessments eg masks)
Course Leads to:	NCEA Level 2 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: 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 qualification which helps you develop your confidence and communication skills and has advantages for college, university and future employment.

In Level 1 the course explores drama techniques, elements, drama conventions, styles of theatre, making performance and staging texts from a range of playwrights. In this course you will develop your leadership skills and your ability to work collaboratively. You will develop skills of negotiation and expression, thinking skills, creativity and empathy. You will gain confidence through preparation and performance tasks. You will learn how to work to deadlines. You will develop skills in using the technique of voice, movement and gesture and expression. You will perform in front of an audience, individually or in groups, developing presentation skills and confidence. Throughout the year there will be theatre outings and workshops which you will be expected to attend, and these will develop analysis skills to consider production processes, technologies and performance as well as your understanding of the place of theatre as part of our cultural identity. As a Drama student you are encouraged to participate in the extra curricular activities offered by the Drama department, as these events are great fun and develop a range of skills, as well as giving you a chance to meet a range of people. Most assessments will be held during public evening performances, where you will wear “Blacks” - long sleeve, round neck top, loose-fitted black pants and black canvas lace-ups. You will have fun, you will be challenged, you will have assessments that require you to learn lines, which develops your skills in the retention of information—which you will be assisted with.

Audiences are welcome for all public performance assessments.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA.
 Level 1 & 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 22 and 23 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>											
AS90006	Drama 1.1	Apply drama techniques in a dramatic context	Internal	4	L				✓		✓
AS90997	Drama 1.2	Devise and perform a drama	Internal	5	L				✓		✓
AS90999	Drama 1.4	Use features of a drama/theatre form in a performance	Internal	4	L				✓		✓
AS91000	Drama 1.5	Demonstrate understanding of a significant play.	Internal	4	L				✓		✓
AS90009	Drama 1.6	Perform an acting role in a scripted production	Internal	5	L				✓		✓
<i>NCEA External Achievement Standards</i>											
AS90998	Drama 1.3	Demonstrate understanding of features of a drama /theatre form	External	4	L				✓		✓
AS90011	Drama 1.7	Demonstrate understanding of the use of drama aspects within live performance	External	4	L				✓		✓
<i>Possible Credits Available</i>				30 Credits							

EARLY CHILDHOOD EDUCATION (ECE1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Interest in ECE / Early Childhood Education career pathways
Fieldwork:	Visiting early childhood centres
Approximate Course Costs:	
Course Leads to:	12 ECE, 13 ECE
Course Provider/Assessor:	MIT
Teacher in charge of subject:	Mrs D Mc Gregor
HOLA in charge of subject:	Mr J Saville

COURSE OUTLINE

This Level 2 Early Childhood Education course at Year 11 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.

Please note this is a course for Year 11 students which contains Level 2 credits. These credits count towards Level 1 NCEA.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
US10024	ECE Level 2	Demonstrate knowledge of promoting the health and wellbeing of children in an ECE service	Internal	3						✓✓	
US26715	ECE Level 2	Describe professional image and demonstrate professional behaviours required of an early childhood educator	Internal	3						✓✓	
US10020	ECE Level 2	Describe personal and environmental hygiene and safety practices in an ECE service	Internal	2						✓✓	
US26712	ECE Level 2	Demonstrate knowledge of, and apply, age-related nutrition needs in providing food for a child in an ECE service	Internal	4						✓✓	
US10021	ECE Level 2	Describe the basic needs of children in an ECE service	Internal	3						✓✓	
US10022	ECE Level 2	Demonstrate knowledge of attachment patterns and short-term separation in an ECE service	Internal	3						✓✓	
US10023	ECE Level 2	Describe transition situations in an ECE service	Internal	2						✓✓	
<i>Possible Credits Available</i>				20 Credits							

ECONOMICS (ECO1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Successful completion of year 10 BUP. Others who have not done 10BUP will also be considered at HOD discretion
Fieldwork:	Field trip to Tip Top factory and Botany Towns centre as part of the course
Approximate Course Costs:	elearn economics web resource \$12
Course Leads to:	NCEA Level 2 Economics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Sharma
HOLA in charge of subject:	Mr Andrew

COURSE OUTLINE

A basic understanding of economics is central to not only an understanding of business but also society as a whole. Economic systems answer three crucial questions. What to produce? How to produce? For whom to produce? This course is designed to allow students to gain an introductory understanding of the way in which the market system operates. That is, how the two market forces, demand and supply, interact to allocate resources. The major sections of the course are consumers' decisions, producers' decisions and the market. As well as the content, the course emphasises the development of three skill groups; thinking, investigation and statistical analysis.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90984	Economics 1.2	Demonstrate understanding of decisions a producer makes about production	Internal	5	L			✓			
AS90988	Economics 1.6	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	Internal	3	L			✓		✓	✓
<i>NCEA External Achievement Standards</i>											
AS90983	Economics 1.1	Demonstrate understanding of consumer choices, using scarcity and/or demand	External	4	L			✓	✓		✓
AS90985	Economics 1.3	Demonstrate understanding of producer choices using supply	External	3	L			✓	✓		
AS90986	Economics 1.4	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	External	5	L			✓			✓
<i>Possible Credits Available</i>				20 Credits							

ELECTRONICS (ELE1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	10 Science and Maths with average grade of Achieved or better, or good grades in Y10 Electronics
Fieldwork:	Workplace/tertiary provider visits as possible-to be confirmed.
Approximate Course Costs:	Take-home projects work \$60.00
Course Leads to:	Level 2 Electronics Technology
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Jeet
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

Electronics is the study and design of control, communication and computing devices that depend on electricity in circuits that contain different components. This course is for people who want to understand more about electronics, robotics including how to construct electronic circuits. It introduces electrical and electronic components and systems. There is a balance between developing core skills in soldering and circuit construction and electrical and electronics theory. Designing and making useful electronic products is an essential part of this course including making printed circuit boards. A major part of this course is control technology (Robotics) where students identify a problem that they want to solve using control technology. They have to design the circuit, write computer programs and use it to program an IC which will operate the robot as per instructions.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90936	Physics 1.2	Demonstrate an understanding of the Physics of an application	Internal	2		✓	✓	✓		✓	✓
AS91077	Technology 1.47	Demonstrate understanding of basic concepts used in the design and construction of electronic environment.	Internal	3			✓				
AS91078	Technology 1.48	Implement basic interfacing procedures in a specified electronic environment.	Internal	3			✓				✓
AS91079	Technology 1.49	Implement basic techniques in constructing a specified electronic and embedded system.	Internal	3			✓				
<i>NCEA External Achievement Standards</i>											
AS91050	Technology 1.7	Demonstrate understanding of the role of subsystems in technological systems	External	4		✓	✓	✓			✓
AS90937	Physics 1.3	Demonstrate understanding of aspects of electricity and magnetism.	External	4	N	✓	✓				✓
<i>Possible Credits Available</i>						19 Credits					

FOOD & HOSPITALITY (FAH1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil. Year 10 food technology an advantage.
Fieldwork:	Competition - fee \$35 (optional)
Approximate Course Costs:	\$115 Students to supply ingredients they choose to use outside the school basic pantry food list.
Course Leads to:	Level 2 Food and Hospitality
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs A Thomson
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

The focus of this course will be on food safety, nutrition and cookery. The course provides a comprehensive learning tool for students wishing to gain knowledge and skills into the hospitality industry. This is very much a hands-on-course, so a commitment to safe food practices and very good management of resources is essential. Students aspiring to work in the food industry or in hospitality will find this course beneficial. Other Standards may be substituted, added or deleted as time and skills show.

Please note students can not take both Food & Hospitality (FAH1) and Food Technology (TEF1).

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
US15900	Cookery	Prepare and present meat in the hospitality industry	Internal	4					✓		
US15901	Cookery	Prepare and present fruit and vegetables in the hospitality industry.	Internal	3					✓		
US15919	Cookery	Prepare and present hot finger food in the hospitality industry	Internal	2					✓		
US 15920	Cookery	Prepare and present sauce and soup in the hospitality industry	Internal	2					✓		
US15921	Cookery	Prepare and cook a cake, a sponge and a batch of scones in the food industry	Internal	3					✓		
US 19770	Cookery	Prepare and present eggs and cheese in the hospitality industry	Internal	2					✓		
US 21058	Foundation Skills	Career Pathways in the Hospitality industry	Internal	2					✓		
US 21059	Foundation Skills	Demonstrate knowledge of knife, care, use, storage and carrying for the hospitality industry.	Internal	2					✓		
<i>Possible Credits Available</i>				20 Credits							

FOOD TECHNOLOGY (TEF1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil. Year 10 food technology an advantage.
Fieldwork:	Nil
Approximate Course Costs:	\$115 Students to supply ingredients they choose to use outside the school basic pantry food list.
Course Leads to:	TEF2
Course Provider/Assessor:	Mr Achary
Teacher in charge of subject:	Mrs A Thomson
HOLA in charge of subject:	Mr Achary

COURSE OUTLINE

This course is based on the New Technology Curriculum. It provides opportunity for students to gain 18 credits at Level 1. There is no examination; however the course will be made up of internal and external achievement standards. 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.

Units of work may require students to:

- Demonstrate understanding of basic concepts used in preservation and packaging techniques for product storage
- Undertake brief development to address a need or opportunity
- Demonstrate the use of ideas to develop a conceptual design to address a brief
- Select resources to develop and evaluate a prototype
- Describe how the performance properties of ingredients enable a technological product to be developed
- Implement basic procedures using ingredients to process a specified product
- Demonstrate understanding of how technological modelling supports decision making

Please note students can not take both Food & Hospitality (FAH1) and Food Technology (TEF1)

Please note students can choose only one of the Technology options from: TEM1, TET1 or TEF1

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS91044	Technology 1.1	Undertake brief development to address a need or opportunity	Internal	4	L	✓	✓	✓			✓
AS91047	Technology 1.4	Undertake development to make a prototype to address a brief	Internal	6	-	✓	✓	✓			✓
AS91084	Technology 1.62	Demonstrate understanding of basic concepts used in preservation and packaging techniques for product storage	Internal	4			✓	✓			
<i>NCEA External Achievement Standards</i>											
AS91048	Technology 1.5	Demonstrate understanding of how technological modelling supports decision making.	External	4	L	✓	✓	✓			✓
<i>Possible Credits Available</i>						18 Credits					

FRENCH (FRE1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Completed Y10 French course
Fieldwork:	Optional competition Alliance Francaise Speaking Competition \$12
Approximate Course Costs:	Course cost \$25 including the yearly subscription to Language Perfect website. Work book (Studio 2 Rouge: NZ\$12)
Course Leads to:	NCEA Level 2 French
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mrs Killip
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

"If you talk to a man in a language he understands, that goes to his head. If you talk to him in his language, that goes to his heart."— Nelson Mandela

The Level 1 French course explores the language further, enabling them to communicate about themselves and their place in today's world in more detail. They will engage with new ways of thinking, questioning and interpreting their world. They will also gain not only a deeper understanding of how languages work, helping them to communicate more effectively in both the language that they are learning and also their own language(s). The topics will range from talking about their leisure times, their tastes in music and cinema, to describing their identity and where they live with a study of the city of Paris. Students will acquire the confidence and skills to communicate in a given set of real life situations, as well as further their understanding of French culture and way of life.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90880	Languages 1.3	Interact using spoken French to communicate personal information, ideas and opinions in different situations	Internal	5					✓	✓	✓
AS90882	Languages 1.5	Write a variety of text types in French on areas of most immediate relevance	Internal	5					✓		✓
<i>NCEA External Achievement Standards</i>											
AS90878	Languages 1.1	Demonstrate understanding of a variety of spoken French texts on areas of most immediate relevance	External	5				✓	✓	✓	✓
AS90881	Languages 1.4	Demonstrate understanding of a variety of French texts on areas of most immediate relevance	External	5					✓		
<i>Possible Credits Available</i>			20 Credits								

GEOGRAPHY (GEO1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil
Fieldwork:	Fieldwork will be a component of this course
Approximate Course Costs:	Geography Skills book: \$30.00 Fieldwork expenses \$55
Course Leads to:	NCEA Level 2 Geography
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Miss Brodie
HOLA in charge of subject:	Mr Andrew

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 do this we use a wide range of resources and skills including maps, statistics, Google Earth, photographs, team work, field work and report writing. The Level 1 course considers the reasons for rising food prices and the effects these have on people around the world. We investigate Auckland's volcanic landscape—where we live—and the processes that produced it. Who are we? New Zealand's population and that of an overseas country are examined to learn about population growth, aging or youthful population structures, migration and the consequences of these processes. Research is conducted in the local area about a current topic of interest. Fieldwork is a part of this course.

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 between 18 and 22 credits.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
Level 1 & 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 22 and 23 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>											
AS90952	Science 1.13	Demonstrate geographic understanding of the formation of surface features in New Zealand	Internal	4	L			✓	✓		✓
AS91009	Geography 1.3	Demonstrate geographic understanding of sustainability of use of a natural resource	Internal	3	L			✓	✓		
AS91011	Geography 1.5	Conduct geographic research, with direction	Internal	4	L/N			✓	✓		
AS91012	Geography 1.6	Describe aspects of a contemporary New Zealand geographic issue	Internal	3	L				✓	✓	✓
AS91013	Geography 1.7	Describe aspects of a geographic topic at a global scale	Internal	3	L			✓	✓		✓
AS91014	Geography 1.8	Apply spatial analysis, with direction, to solve a geographic problem	Internal	3	-			✓	✓		
<i>NCEA External Achievement Standards</i>											
AS91007	Geography 1.1	Demonstrate geographic understanding of an extreme natural event	External	4	L			✓	✓		
AS91008	Geography 1.2	Demonstrate geographic understanding of population concepts	External	4	L				✓	✓	✓
AS91010	Geography 1.4	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	External	4	N			✓	✓		✓
<i>Possible Credits Available</i>						32 Credits					

HEALTH EDUCATION (HED1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Students should have shown a commitment and effort in Junior Health and PE
Fieldwork:	Nil
Approximate Course Costs:	Nil
Course Leads to:	NCEA Level 2 Health
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Joyce
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Level 1 Health Education gives students the knowledge and skills to help clarify their own attitudes and values. It will develop students ability to make informed decisions and take action to enhance their own well-being and the well-being of those around them. Students will build on the knowledge that they have gained in Junior Health Education, by learning through key topics such as Mental Health, Sexuality Education, Food and Nutrition and Drugs and Alcohol. The skills developed through the course will help students to enhance their relationships with other people, gain resiliency skills and build young people who are spirited, critical thinkers who have vision and purpose who take responsible and critical action. The course will be co-constructed with the teacher and the students at the beginning of the year.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90971	Health 1.1	Take action to enhance an aspect of personal well-being	Internal	3							
AS91097	Health 1.3	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	Internal	4	L			✓	✓	✓	✓
AS90973	Health 1.4	Demonstrate understanding of interpersonal skills used to enhance relationships	Internal	5	L			✓	✓	✓	
AS90974	Health 1.5	Demonstrate understanding of strategies for promoting positive sexuality	Internal	4	L					✓	
<i>NCEA External Achievement Standards</i>											
AS90972	Health 1.2	Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations	External	4	L			✓	✓	✓	✓
AS90975	Health 1.6	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	External	4	L			✓	✓	✓	✓
<i>Possible Credits Available</i>						19-24 Credits					

HISTORY (HIS1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Nil
Fieldwork:	Nil
Approximate Course Costs:	Nil
Course Leads to:	NCEA Level 2 History
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Miss Douglas
HOLA in charge of subject:	Mr Andrew

COURSE OUTLINE

Level 1 History aims to help students gain an understanding of the world today through a study of some of the major trends and developments of the twentieth century. The topics studied help students to understand current issues. They also encourage students to think about how events such as World War Two can be prevented in the future. 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. Theme: Conflict and Resolution (which will cover Origins of World War Two and Black Civil Right in America). Internal assessments will be completed during the first half of the year. Externals will be practiced throughout the course.

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 20 credits.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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>												
AS91001	History 1.1	Carry out an Investigation of an historical event, or place, of significance to New Zealanders	Internal	4	L				✓	✓	✓	
AS91002	History 1.2	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	Internal	4	L				✓		✓	
AS91004	History 1.4	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders.	Internal	4	L				✓	✓	✓	
<i>NCEA External Achievement Standards</i>												
AS91003	History 1.3	Interpret sources of an historical event of significance to New Zealanders	External	4	L				✓	✓	✓	
AS91005	History 1.5	Describe the causes and consequences of an historical event.	External	4	L						✓	
AS91006	History 1.6	Describe how a significant historical event affected New Zealand society.	External	4	L						✓	
				<i>Possible Credits Available</i>		20 Credits						

JAPANESE (JAP1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Completed Y10 Japanese course
Fieldwork:	JETAA DVD Competition; ALC Competition \$20
Approximate Course Costs:	Course Costs \$27.00 including subscription Education Perfect website; Work Book \$20.00 Optional : Kitto Dekiru Levels 4, 5 & 6 Course write on notes \$26 per level book
Course Leads to:	NCEA Level 2 Japanese
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Lodge
HOLA in charge of subject:	Ms Lodge

COURSE OUTLINE

Language learning is a dynamic, developmental process, which engages students' minds and emotions. The Level 1 Japanese course explores the language further, focussing on "Survival Japanese", enabling students to communicate their needs and wants in more detail. Communication with people with and across communities, cultures and nations enables students to engage with new ways of thinking, questioning and interpreting their world. Students learn to develop multi-literacy skills that enable them to develop a deeper understanding of how languages work, helping them to communicate more effectively in both the language that they are learning and also their own language(s). The topics will range from making comparisons between school life in New Zealand and Japan, comparing their daily life to life in Japan, shopping and ordering food in a restaurant. Students will acquire the confidence and skills to communicate in a given set of real life situations, as well as further their understanding of Japanese culture and way of life.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90895	Languages 1.3	Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations.	Internal	5					✓	✓	✓
AS90897	Languages 1.5	Write a variety of text types in Japanese on areas of most immediate relevance.	Internal	5					✓		✓
<i>NCEA External Achievement Standards</i>											
AS90893	Languages 1.1	Demonstrate understanding of a variety of spoken Japanese texts relating to areas of most immediate relevance.	External	5				✓	✓	✓	✓
AS90896	Languages 1.4	Demonstrate understanding of a variety of written/visual Japanese texts relating to areas of most immediate relevance.	External	5					✓		
<i>Possible Credits Available</i>			20 Credits								

MEDIA STUDIES (MED1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Successfully passed Year 10 Media Studies or Teacher in Charge/HOLA approval (Strong grades in Year 10 English an advantage).
Fieldwork:	Trips to cinemas for film viewing/visits to Media institutions (TBC)
Approximate Course Costs:	Anywhere between \$20-50 approximately. (tbc) Students are expected to pay for all trips taken and film screenings at the end of the year. Each trip planned may have different costs.
Course Leads to:	Level 2 Media Studies
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Greenstreet
HOLA in charge of subject:	Ms Logan

COURSE OUTLINE

NCEA Media Studies at BDSC is a 3 - year course, culminating in Scholarship Media Studies at the end of Year 13. The course builds on the skills developed in Year 10 Media Studies, and is highly recommended for students who want to pursue Media Studies in future, especially in a tertiary institution. Media Studies offers several opportunities for students to further their close reading and analytical skills within various media and film genres, but with a focus on television advertising. There is a practical component which encompasses a range of skills from designing a media product, writing a concept, treatment and story board and then using camera skills to film and edit using industry-standard software. Students will find this course fun and challenging as they further their understanding of the various concepts in the changing media and our society. Media literacy is a very important aspect of our lives that deserves further critical scholarship and investigation. Media Studies provides opportunities for students to develop and explore the impact all forms of media have on our lives.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90989	Media Studies 1.1	Demonstrates understanding of how individuals interact with the media	Internal	3	L/N				✓		✓
AS90990	Media studies 1.2	Demonstrate understanding of selected elements of media text(s)	Internal	3	L						✓
AS90993	Media Studies 1.5	Produce a design and plan for a media product using a specified range of conventions	Internal	3	-				✓		✓
AS90994	Media Studies 1.6	Complete a media product using a specified range of conventions, from a design and plan	Internal	6	-						✓
AS90995	Media Studies 1.7	Demonstrate understanding of rules that govern the media in New Zealand	Internal	3							
<i>NCEA External Achievement Standards</i>											
AS90992	Media Studies 1.4	Demonstrate understanding of characteristics of a media genre	External	4	L				✓		✓
				<i>Possible Credits Available</i>		22 Credits					

MULTI MATERIAL TECHNOLOGY (TEM1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Multi-Materials Technology or DVC or HOLA approval
Fieldwork:	Nil
Approximate Course Costs:	\$80 Take home component
Course Leads to:	NCEA Level 2 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

This course is based on the New Technology Curriculum. It provides opportunity for students to gain 22 credits at Level 1. There is no examination; however the course will be made up of internal and external achievement standards. 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.

Units of work will require students to:

- Use design ideas to produce a conceptual design for an outcome to address a brief.
- Implement basic procedures using resistant materials to construct a specified product.
- Demonstrate understanding of how technological modelling supports decision making.
- Undertake development to make a prototype to address a brief

It is important to note that this course is a prerequisite if students are intending to take Multi-materials Technology in Year 12. Please note students can choose only one of the Technology options from: TEM1, TET1 or TEF1

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS91046	Technology 1.3	Use design ideas to produce a conceptual design for an outcome to address a brief	Internal	6	-	✓	✓	✓			✓
AS91057	Technology 1.20	Implement basic procedures using resistant materials to construct a specified product.	Internal	6	-	✓	✓	✓			
AS91047	Technology 1.4	Undertake development to make a prototype to address a brief	Internal	6	-	✓	✓	✓			✓
<i>NCEA External Achievement Standards</i>											
AS91048	Technology 1.5	Demonstrate understanding of how technological modelling supports decision making.	External	4	L	✓	✓	✓			✓
<i>Possible Credits Available</i>						22 Credits					

MUSIC (MUS1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Music or at the discretion of HOLA. The ability to play an instrument is essential for those who intend to do NCEA Level 1 Music
Fieldwork:	Performance trip \$17
Approximate Course Costs:	Accompanist for solo performances \$57 (approx and optional)
Course Leads to:	NCEA Level 2 Music
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Treneman
HOLA in charge of subject:	Ms Treneman

COURSE OUTLINE

The Level 1 Music course allows students to develop their music skills as they explore and use the elements, conventions, processes, techniques, and technologies of music. 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; develop their aural skills, and study a variety of pieces of music, identifying and describing the musical features and social context of the works. Students must play an instrument and should be learning either through the Itinerant music scheme or privately.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS91090	Music 1.1	Perform two pieces of music as a featured soloist	Internal	6	-						✓
AS91091	Music 1.2	Demonstrate ensemble skills through performing a piece of music as a member of a group	Internal	4	-						✓
AS91092	Music 1.3	Compose two original pieces of music	Internal	6	-						✓
<i>NCEA External Achievement Standards</i>											
AS91093	Music 1.4	Demonstrate aural and theoretical skills through transcription	External	4	-						✓
AS91094	Music 1.5	Demonstrate knowledge of conventions used in music scores	External	4	L						✓
<i>Possible Credits Available</i>			24 Credits								

OUTDOOR EDUCATION (OED1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	10ODL
Fieldwork:	3 day caving camp at Nikau Caves and Waitomo, 1 day at Tiritiri Island, 2 half days at WERO whitewater park. 3 day leadership camp at Kokako Lodge in Hunua, Mountain biking done on and off site in afternoons.
Approximate Course Costs:	tbc
Course Leads to:	OED2, PED2, SPL2
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr D Williams
HOLA in charge of subject:	Mr J Saville

COURSE OUTLINE

Level 1 Outdoor Education is a progressional step up from 10ODL. Students participate in numerous team building activities and ABL games to understand group processes and build a closer team environment in the class. We will use the WERO centre for white water rafting to get students out of their comfort zones in a safe controlled environment. We will study the weather and how to interpret it so they can plan and prepare better for trips. We will go to Tiritiri Matangi Island to look at the environmental impact humans have had on native flora and fauna. Our outdoor pursuit unit we study is caving to focus on risk calculation and navigation. This course is predominantly held in the classroom and all trips are compulsory.

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 22 and 23 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>											
458	Outdoor Recreation	Demonstrate rafting skills on slow moving or sheltered water	Internal	3				✓	✓	✓	
20159	Outdoor Recreation	Gather and apply weather information for an outdoor activity	Internal	4					✓	✓	
20133	Outdoor Recreation	Demonstrate basic caving skills	Internal	5					✓	✓	
AS90966	1.5 Physical Ed	Demonstrate interpersonal skills in a group and explain how these impact others	Internal	4				✓	✓	✓	
AS90965	1.3 Physical Ed	Demonstrate quality movement in the performance of a physical activity	Internal	3					✓	✓	
AS90968	1.7 Physical Ed	Demonstrate and show responsible behaviour in outdoor education activities	Internal	3				✓	✓	✓	
AS90970	1.9 Physical Ed	Demonstrate self management strategies and describe the effects on participation	Internal	3					✓	✓	
<i>Possible Credits Available</i>				25 Credits							

PHYSICAL EDUCATION (PED1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Students should have shown a commitment and effort in Junior Health and PE.
Fieldwork:	Some course work will involve some recreational trips and specialist presenters to pursue a variety of physical activities
Approximate Course Costs:	\$20 for trips
Course Leads to:	NCEA Level 2 Physical Education, Level 2 Sports Leadership
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Saville
HOLA in charge of subject:	Mr Saville

COURSE OUTLINE

Level 1 Physical Education encompasses the promotion of learning in, through and about movement. During the course of the year students will experience and study sports, health and fitness, movement and outdoor pursuits to gain a better understanding of how the body works, responds to exercise, adapts over a lifetime and how we care for it. Skills learnt in this engaging course equip students to understand physiology, biomechanics, societal influence on sport, interpersonal skills and responsible behaviour. This course involves a high level of theory as well as practical components. Knowledge is applied in a number of varying practical activities based around student choice which could include softball, weight training, volleyball and touch rugby and a few sessions of a variety of recreational/sporting activities such as, ice hockey, and cross fit.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90963	Physical Ed 1.2	Describe the function of the body as it relates to the performance of physical activity	Internal	5	L				✓	✓	✓
AS90964	Physical Ed 1.3	Demonstrate quality movement in the performance of a physical activity	Internal	3	-				✓	✓	✓
AS90965	Physical Ed 1.4	Demonstrate understanding of societal influences on physical activity and the implications for self and others	Internal	4	L				✓	✓	✓
AS90966	Physical Ed 1.5	Demonstrate interpersonal skills in a team and explain how these skills impact on others	Internal	4	L			✓	✓	✓	✓
AS90967	Physical Ed 1.6	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	Internal	3	L				✓	✓	✓
<i>Possible Credits Available</i>				19 Credits							

SUPPLEMENTARY SCIENCE (SCS1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Year 10 Science, Average of 'Merit' grade (or HOLA approval).
Fieldwork:	To be confirmed
Approximate Course Costs:	Workbook or Online resource \$20 (estimated) for the set
Course Leads to:	NCEA Level 2/Year 12 Biology, Chemistry, Physics, and Electronics
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Joe
HOLA in charge of subject:	Mr Kumar

COURSE OUTLINE

This course is an additional option to Level 1 Science. Students may progress into Year 12 Science subjects using either Science Core credits or by using both Science Core and Supplementary Science credits. This Supplementary Science course provides greater understanding and broadness of knowledge for Year 12 (NCEA level 2) Earth and Space Science, Biology, Chemistry, Physics and Electronics. Students who choose this option should be very interested in science and fairly sure that specialist sciences are an important part of their future.

If you take this option, you will do Science Core for 4 hours a week with one teacher, and Supplementary Science for 4 more hours a week with another teacher.

The emphasis in the course is learning through practical experience, a sound investigative basis and applying scientific concepts to relevant contexts. Standards covered are no harder than SCI1, yet have a different focus.

Please note to be able to choose SCS1 as an option, students must be in SCI1 (not SCA1).

Please note if you have completed Level 1 Science (SCI1) in Year 10, then Supplementary Science can be chosen as one of your options.

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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 22 and 23 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>											
AS90954	Science 1.15	Demonstrate understanding of the effects of astronomical cycles on planet Earth .	Internal	4	-			✓			✓
AS90930	Chemistry 1.1	Carry out a practical chemistry investigation	Internal	4	-	✓	✓	✓	✓		
<i>NCEA External Achievement Standards</i>											
AS90934	Chemistry 1.5	Demonstrate understanding of chemical reactions.	External	4	-	✓		✓			
AS90937	Physics 1.3	Demonstrate understanding of aspects of electricity and magnetism.	External	4	N	✓	✓				✓
AS90927	Biology 1.3	Demonstrate understanding of biological ideas relating to micro-organisms.	External	4	L		✓	✓		✓	
<i>Possible Credits Available</i>				20 Credits							

SPANISH (SPH1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Completed Y10 Spanish course
Fieldwork:	Possible competitions: debating and speech
Approximate Course Costs:	Course Costs \$25 including the yearly subscription to Education Perfect website.
Course Leads to:	NCEA Level 2 Spanish
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Miss Grall
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 encourages effective communication in listening and responding, speaking and presenting, interacting, reading/viewing and writing. In level 1 the vocabulary, structures and themes studied in Year 10 are revised and extended (i.e. sports and activities, school life, holidays). You will develop communication beyond the immediate context of your life and be able to talk about past and future events.

You will learn to understand and produce a variety of text types, using a variety of tenses, structures and vocabulary, developing beyond language survival skills towards social competence. You will be able to understand ways in which the Spanish language and culture are organised for different purposes.

The assessments for Level 1 Spanish consist of a writing portfolio, an interaction portfolio, 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 1 & 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 22 and 23 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>											
AS90910	Spanish 1.3	Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations	Internal	5					✓	✓	✓
AS90912	Spanish 1.5	Write a variety of text types in Spanish on areas of most immediate relevance	Internal	5					✓		✓
<i>NCEA External Achievement Standards</i>											
AS90908	Spanish 1.1	Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance	External	5				✓	✓	✓	✓
AS90911	Spanish 1.4	Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance	External	5					✓		
<i>Possible Credits Available</i>				20 Credits							

TEXTILES TECHNOLOGY (TET1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	Students are preferred to have taken year 10
Fieldwork:	A trip to fabric retailers to research cloth and trim options. A visit to a fashion design company in the Auckland region. Also WOW (World of Wearable Arts) in Wellington and The costume department of the Royal New Zealand Ballet (also based in Wellington).
Approximate Course Costs:	\$40 to cover class materials and sewing kit. Students to supply their own fabric and pattern for garment production
Course Leads to:	NCEA Level 2 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

This course is based on the Technology Curriculum and is assessed against a combination of 19 achievement standard credits. There is no examination; however Achievement Standard 91063 and 91048 are assessed externally. Students will complete 2 major projects. The first project uses a technological approach to develop a conceptual design for a garment which could have an apparel or costume focus. The second focuses on skill development required to make basic adaptations to a dress block to produce a simple garment, the fabric for which will be designed by the student using the *Spoonflower* website (AS 1.21, 6 credits). The course is based on NCEA Level 1 Technology and provides students with the skills and content knowledge necessary to continue with Level 2 Textiles Technology.

STANDARDS

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 Level 1 & 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>												
AS91096	Construction & Mechanical Tech 1.26	Make basic adaptations to a pattern to enable a design to fit a person or item.	Internal	4	-		✓				✓	
AS91046	Generic Technology 1.3	Use design ideas to produce a conceptual design for an outcome to address a brief	Internal	6	-	✓	✓	✓			✓	
AS91058	Construction & Mechanical Tech 1.21	Implement basic procedures using textile materials to make a specified product.	Internal	6	-	✓	✓				✓	
<i>NCEA External Achievement Standards</i>												
AS91063	Design & Visual Com.	Produce freehand sketches that communicate design ideas.	External	3		✓	✓				✓	
Optional	Generic Technology 1.5	Demonstrate understanding of how technological modelling support decision-making.	External	4	L	✓	✓	✓			✓	
<i>Possible Credits Available</i>			Up to 23 Credits									

VISUAL ART - PRACTICAL (ART1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	<u>Successful</u> completion of Year 10 Digital Art course or consultation with HOD
Fieldwork:	Fieldtrips will be offered to local galleries
Approximate Course Costs:	\$30
Course Leads to:	NCEA Level 2 Visual Art-Painting (or Level 2 Photography or Design with a portfolio application and HOD approval)
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Mr Clark
HOLA in charge of subject:	Ms Clapperton

COURSE OUTLINE

Visual Art - Practical is a full year optional course of study leading on to NCEA Level 2 and 3 Visual Art subjects (Painting, Photography and Art Design). A foundation of techniques and skills will be learnt. Different mediums such as paints (watercolour and acrylics), printmaking and sculpture may be experienced and experimented with throughout the year. Drawing is taught as the basis of most investigations.

It is important to note that this course is a prerequisite if students are intending to take Visual Art in Year 12. Please note students can choose only one of the Art options from: Visual Art-Practical (ART1) or Digital Art (DRT1)

STANDARDS

Standards for this course will be selected from those listed below and are at the discretion of the HOLA
 Level 1 & 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>											
AS90915	Visual Arts 1.2	Use drawing methods for recording information using wet and dry media.	Internal	6		✓	✓				✓
AS90915	Visual Arts 1.3	Use drawing conventions to develop work in more than one field of practice	Internal	4		✓	✓				✓
<i>NCEA External Achievement Standards</i>											
AS90916	Visual Arts 1.4	Produce a body of work informed by established practice, which develops ideas, using a range of media.	External	12		✓	✓				✓
				<i>Possible Credits Available</i>							
				22 Credits							

VISUAL ART - DIGITAL (DRT1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	<u>Successful</u> completion of Year 10 Digital Art course or consultation with HOD
Fieldwork:	Fieldtrips will be offered to local galleries
Approximate Course Costs:	\$20 + external printing charges
Course Leads to:	NCEA Level 2 Photography or Design (or Painting with a portfolio application and HOD approval)
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Clapperton
HOLA in charge of subject:	Ms Clapperton

COURSE OUTLINE

Level 1 Visual Art - Digital is a full year optional course of study leading on to NCEA Level 2 Digital Art subjects: Photography and/or Design. A foundation of digital techniques and skills will be learnt throughout the year with numerous skills in Adobe Photoshop and Illustrator being taught within the context of the 3 assessments. There is no external examination, students will complete the 3 assessments throughout the year contributing to the required Standards. All assessments will have both Photography and Design components. This foundation will be beneficial for those students wishing to carry on with Digital Art subjects in the future.

Students are to have their own storage device to transfer files to and from home (4 or 8 GB USB recommended) and have purchased a copy of Adobe Photoshop CS5 or higher for their home computers. Recommended Adobe CC suite which is purchased offline for a monthly fee from Adobe. Information on purchasing the required programmes can be found at <https://creative.adobe.com/en/plans?plan=edu> at AUS\$14.99/month (current special for students/teachers) for multiple programmes. Or Adobe Photoshop (single program) at AUS\$9.99/month. Adobe normally have special deals at the beginning of the year for students, so it may end up cheaper than this.

It is important to note that this course is a prerequisite if students are intending to take Photography or Design in Year 12. Please note students can choose only one of the Art options from: Visual Art-Practical (ART1) or Digital Art (DRT1)

STANDARDS

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 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	Community Social & Services	Creative Industries
<i>NCEA Internal Achievement Standards/Unit Standards</i>											
AS90915	Visual Arts 1.3	Use drawing conventions to develop work in more than one field of practice	Internal	6							✓
AS90917	Visual Arts 1.5	Produce a finished work that demonstrates skills appropriate to cultural conventions	Internal	4							✓
<i>NCEA External Achievement Standards</i>											
AS90916	Visual Arts 1.4	Produce a body of work informed by established practice, which develops ideas, using a range of media	External	12							✓
<i>Possible Credits Available</i>						22 Credits					

WORK & COMMUNITY SKILLS (WCS1)

COURSE INFORMATION

Qualification and level:	NCEA Level 1
Course Prerequisites:	By recommendation of whanau leader or deputy principal
Fieldwork:	
Approximate Course Costs:	\$30
Course Leads to:	Vocational pathway in services and/or social and
Course Provider/Assessor:	Botany Downs Secondary College
Teacher in charge of subject:	Ms Munks
HOLA in charge of subject:	Ms Munks

COURSE OUTLINE

The course is designed to recognise a range of skills identified as being important in 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.

STANDARDS

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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 11869	Communication	Make phone calls	Internal	1							
US 11900	Communication	Produce, save and print a document on a computer	Internal	4							
US 11867	Communication	Answer a phone call and refer a phone message	Internal	2							
US 11914	Communication	Receive, record and deliver messages	Internal	2							
US 11890	Numeracy	Use a calculator to assist with functional numeracy	Internal	2							
US 11896	Numeracy	Use a calendar	Internal	2							
US 11898	Numeracy	Identify and use number between 10-100 in everyday life	Internal	3							
US 11888	Supported Learning	Handle money in a supported learning context.	Internal	3							
US 11866	Supported Learning	Travel on public transport	Internal	3							
US 11882	Supported Learning	Prepare and serve a light meal	Internal	4							
US 11895	Supported Learning	Identify the importance of time management and plan the schedule for an occasion.	Internal	3							
US 11899	Supported Learning	Participate in a leisure activity	Internal	3							
US 11881	Supported Learning	Eat out at a public food outlet	Internal	3							
<i>Possible Credits Available</i>				35 Credits							