



YEAR 10 OPTION BOOK 2025

BOTANY DOWNS Secondary College

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Year 10 Compulsory Subjects

15	English (10ENG)	& Health & Physical Education (10HED/10PEC)
16	Mathematics and Statistics (10MAT)	& Mathematics - Accelerated (1MAX)
17	Science (10SCI)	& Science - Accelerated (1SCX)
18	Social Studies (10SOS)	

Year 10 Optional Subjects

19	Ancient Civilisations (10ANC)	& Art (10ART)
20	Business Pathways (10BUP)	& Dance (10DAN)
21	Design and Visual Communication (10DVC)	& Digital Technologies (10DIT)
22	Digital Art (10DRT)	& Drama (10DRA)
23	Electronics (10ELE)	& English as an Additional Language (10EAC/ELC)
24	Fashion and Design Technology (10FDN)	& Food Technology (10TEF)
25	French (10FRE)	& Investigative Geography (10IGO)
26	Japanese (10JAP)	& Te Reo Māori (10MAO)
27	Media Studies (10MED)	& Multi Materials Technology (10TEM)
28	Music (10MUS)	& Outdoor Education (10OED)
29	Physical Education (10PED)	

INFORMATION FOR PARENTS AND STUDENTS

1. **SIX** of the subjects studied in Year 9 continue in Year 10.

These subjects are:

- English**
- Mathematics and Statistics**
- Health and Physical Education**
- Science**
- Social Studies**
- Tutor Mentoring**

2. The other subjects studied this year become **optional** in Year 10. Students are required to choose **THREE** option subjects for Year 10. The option courses will be for the whole of the Year 10 school year.

3. Consider carefully these two questions:
 - (a) What is the highest level you hope to reach at school?
 - (b) What subjects are you likely to take at **that level**?

Then work backwards to the lower levels to choose your Year 10 subjects. Remember that **ability, interest and future usefulness** are important reasons for your choices. All students should read the **Levels 1-3 2025 Information Book** as well as the preamble in each of the senior option booklets. Scan the prerequisites for the senior subjects that you may wish to study in the future. All option booklets as well as the Auckland University Undergraduate prospectus can be accessed on Office 365 or the BDSC website. Many Visual and Performing Art, Technology and Languages courses require students to have taken the course in the previous year. **Students must plan their courses to ensure that they meet all the prerequisites.** If you are considering future university study then you should become familiar with all university requirements e.g. university entrance, literacy, numeracy, U.E. approved subjects as well as subject requirements for specific courses. Careful planning now will prevent future problems in accessing courses.

4. Although every effort will be made to provide the subjects chosen, no guarantee can be given that **all** will be possible. Because of the need to have classes of a certain size, some students may be asked to change options. If not enough students choose a particular option it may be cancelled.

5. This booklet contains a schedule of proposed subjects at all levels. Choosing a subject in Year 10 does **NOT** commit the student to take it in Year 11.

6. If students require guidance they should seek this as soon as possible from the following people:

Careers Advisor
Subject teacher

Senior Leadership Team
Whanau Tutor / Mentor

7. **Students must make their option choices during Weeks 5-6 of Term 3. Option selection must be completed online by Friday 30 August (Week 6).** Late selection of options **may** mean that students will not receive their first choice of options.

8. Course contributions listed for each subject include resources, activities and trips that are **highly recommended** as being conducive to optimal student learning. Please refer to each individual course descriptor for the compulsory items required for that course.

9. Year 10 Outdoor Education will be available in 2025 but has been capped at **TWO classes only**. Students who wish to take 10OED will need to make their selection in the web portal as well as make a written application to Mr Van Kralingen (Deputy Principal) by the **Friday 30 August** deadline. Students should date and sign the application and give a brief outline as to why they would like to take Outdoor Education. The final selection will be made in consultation with HPE staff.

10. Note: Due to course restrictions:
 - Cannot take both 10DRT (Digital Art) and 10ART (Visual Art)
 - Not recommended to take a combination of 10TEM, 10FDN and/or 10TEF (HOLA discretion required).

SCHOOL CONTACTS



Botany Downs Secondary College
575 Chapel Road, Howick
Auckland 2016

Phone (09) 273-2310

Email admin@bdsc.school.nz

Web Site www.bdsc.school.nz

SENIOR LEADERSHIP TEAM

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

HEADS OF LEARNING AREAS

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

WHĀNAU LEADERS

Blake Whānau	<i>A. Taylor</i>
Britten Whānau	<i>K. Beazley</i>
Discovery Whānau	<i>N. Folks</i>
Endeavour Whānau	<i>V. Darby</i>
Koru Whānau	<i>A. Meldrum</i>
Spirit Whānau	<i>M. Killip</i>

STUDENT SERVICES

Guidance Counsellors	<i>S. Domigan (HOD Counselling), R. Nikiel (Counsellor)</i>
Careers Advisors	<i>A. Muir and N. Smith</i>
Gateway	<i>L. El-Yassir</i>

BDSC JUNIOR SCHOOL CURRICULUM

YEAR 9

Core Compulsory Subjects

- English
- Languages (2 terms each)
 - Chinese
 - French
 - Japanese
 - Māori (available as a semester option)
or EAL (4 terms)
- Mathematics and Statistics
- Health and Physical Education
- Science
- Social Studies
- Technology (1 term each)
 - Food
 - Digital
 - Materials
 - Design and Visual Communication
- Visual and Performing Arts (1 term each)
 - Art
 - Dance
 - Drama
 - Music

Curriculum Enrichment

- Tutor Mentoring Curriculum

YEAR 10

Core Compulsory Subjects

- English
- Health and Physical Education
- Mathematics and Statistics
- Science
- Social Studies

Optional Subjects (*Students to select three options*)

- Ancient Civilisations
- Art - Visual
- Business Pathways
- Dance
- Design and Visual Communication
- Digital Technologies
- Digital Art
- Drama
- Electronics
- English as an Additional Language
- English Language Support
- Fashion and Design
- Food Technology
- French
- Investigative Geography
- Japanese
- Media Studies
- Te Reo Māori
- Multi Materials Technology
- Music
- Outdoor Education
- Physical Education

Curriculum Enrichment

- Tutor Mentoring Curriculum

BDSC COURSE STRUCTURE 2025

Bold Red—Compulsory subject
Italic—New subject for 2025

Learning Areas	Year 9	Year 10	Level 1	Level 2	Level 3
English	English (9ENG) English Literacy Support (9ENA) English Academic Course (9EAC) English Language Course (9ELC)	English (10ENG) English Literacy Support (10ENA) Media Studies (10MED) English Academic Course (10EAC) English Language Course (10ELC)	English (1ENG) English - Alternative (1ENA) English - Literacy (1ENL) English Academic Course (1EAC) English Language Course (1ELC) Media Studies (1MED)	English (2ENG) English - Alternative (2ENA) English - Extension (2ENE) English Academic Course (2EAC) English Language Course (2ELC) Media Studies (2MED)	English (3ENG) English Booster Course (3ENB - L3 US) English - Extension (3ENE) English Academic Course (3EAC) English Language Course (3ELC) Media Studies (3MED)
Health & Physical Education	Health & PE (9HED/9PEC)	Health & PE (10HED/10PEC) Outdoor Education (10OED) Physical Education (10PED)	Active Wellbeing (1AWB) Health Education (1HED) Outdoor Education (1OED) Physical Education (1PED)	Early Childhood Education (2ECE) Health Education (2HED) Outdoor Education (2OED) Outdoor Education Alternative (2ODA) Physical Education (2PED) Sports Studies (2SPS)	Early Childhood Education (3ECE) Health Education (3HED) Outdoor Education (3OED) Physical Education (3PED) <i>Sport High Performance (3SHP)</i> Sports Studies (3SPS)
Languages	Chinese (9CHI) French (9FRE) Japanese (9JAP) Te Reo Māori (9MAO)	French (10FRE) Japanese (10JAP) Te Reo Māori (10MAO)	French (1FRE) Japanese (1JAP) Te Reo Māori (1MAO)	Chinese (2CHI) French (2FRE) Japanese (2JAP) Te Reo Māori (2MAO)	Chinese (3CHI) French (3FRE) Japanese (3JAP) Te Reo Māori (3MAO)
Mathematics	Mathematics and Statistics (9MAT) Mathematics Extension (9MAE)	Mathematics and Stats (10MAT) Mathematics and Stats - Alt (10MNU) Mathematics and Stats - Acc (1MAX) L1 standards for Y10 accelerated students	Mathematics and Statistics - Alt (1MAA) Maths. and Stats. - Foundation (1MAF) Mathematics and Statistics (1MAT) Mathematics and Statistics - Ext (2MAX) for L1 accelerated students	Mathematics and Statistics - Alt (2MAA) Mathematics and Statistics (2MAT) Mathematics and Statistics - Ext (2MAE) <i>Mathematics Numeracy Corequisite (2MNC)</i> Calculus - Accelerated (3MAX) for L2 accelerated students	Calculus (3MAC) Mathematics (3MAT) Statistics and Probability (3SAP) Statistics and Probability - Alt (3SPA)
Science	Science (9SCI)	Science (10SCI) Science - Acc (1SCX) L1 Science course for Y10 accelerated students Electronics (10ELE)	Science - Compulsory (1SCI or 1SCB and/or 1SCP) Science (1SCI) Biology/Chemistry (1SCB) Physics/Earth and Space Science (1SCP)	Biology (2BIO) Chemistry (2CHE) Physics (2PHY)	Biology (3BIO) Chemistry (3CHE) Physics (3PHY)
Social Sciences	Social Studies (9SOS)	Social Studies (10SOS) Ancient Civilisations (10ANC) Business Pathways (10BUP) Investigative Geography (10IGO)	Commerce (1COM) Geography (1GEO) History (1HIS)	Accounting (2ACC) Business Studies (2BUS) Classical Studies (2CLS) Economics (2ECO) Financial Studies (2FIN) Geography (2GEO) History (2HIS) Psychology (2PSY) Travel and Tourism (2TSM)	Accounting (3ACC) Business Studies (3BUS) Classical Studies (3CLS) Economics (3ECO) Financial Studies (3FIN) Geography (3GEO) History (3HIS) Psychology (3PSY) Travel and Tourism (3TSM)
Technology	Design and Visual Com. (9DVC) Food Technology (9TEF) Materials Technology (9MTY) Digital Technology (9DIT)	Design and Visual Com. (10DVC) Digital Technology (10DIT) Fashion and Design Technology (10FDN) Food Technology (10TEF) Multi Materials Technology (10TEM)	Design & Visual Communication (1DVC) Digital Technology (1DIT) Food and Hospitality (1FAH) Materials and Processing Technology - Fashion and Design Technology (1FDN) - Food Technology (1TEF) - Multi Materials Technology (1TEM) Trades Skills (1TSS)	Building Skills (2BSS) Design & Visual Communication (2DVC) Digital Technology - Programming (2DIP) Digital Technology (2DIT) Engineering Skills (2ESS) Fashion and Design Technology (2FDN) Food and Hospitality (2FAH) Food Technology (2TEF) Multi Materials Technology (2TEM)	Design and Visual Com. (3DVC) Digital Technology - Programming (3DIP) Digital Technology (3DIT) Fashion and Design Technology (3FDN) Food and Hospitality (3FAH) Food Technology (3TEF) Multi Materials Technology (3TEM)
The Arts	Dance (9DAN) Drama (9DRA) Music (9MUS) Visual Art (9ART)	Dance (10DAN) Drama (10DRA) Music (10MUS) Visual Art - Visual Art (10ART) - Digital Art (10DRT)	Dance (1DAN) Drama (1DRA) Music (1MUS) Visual Art - Visual Art (1ART) - Digital Art (1DRT)	Art History (2ARH) Dance (2DAN) Design (2DES) Drama (2DRA) Music (2MUS) Visual Art - Painting (2ART) Photography (2PHO)	Art History (3ARH) Dance (3DAN) Design (3DES) Drama (3DRA) Making Music (Practical) (3MUP) Music Studies (3MUS) Visual Art - Painting (3ART) Photography (3PHO)
Vocational & General Courses			Work and Community Studies (1WCS)	Future Pathways (2FPW) Work and Community Studies (2WCS)	Future Pathways (3FPW)

ENGLISH FLOWCHART 2025

Key:

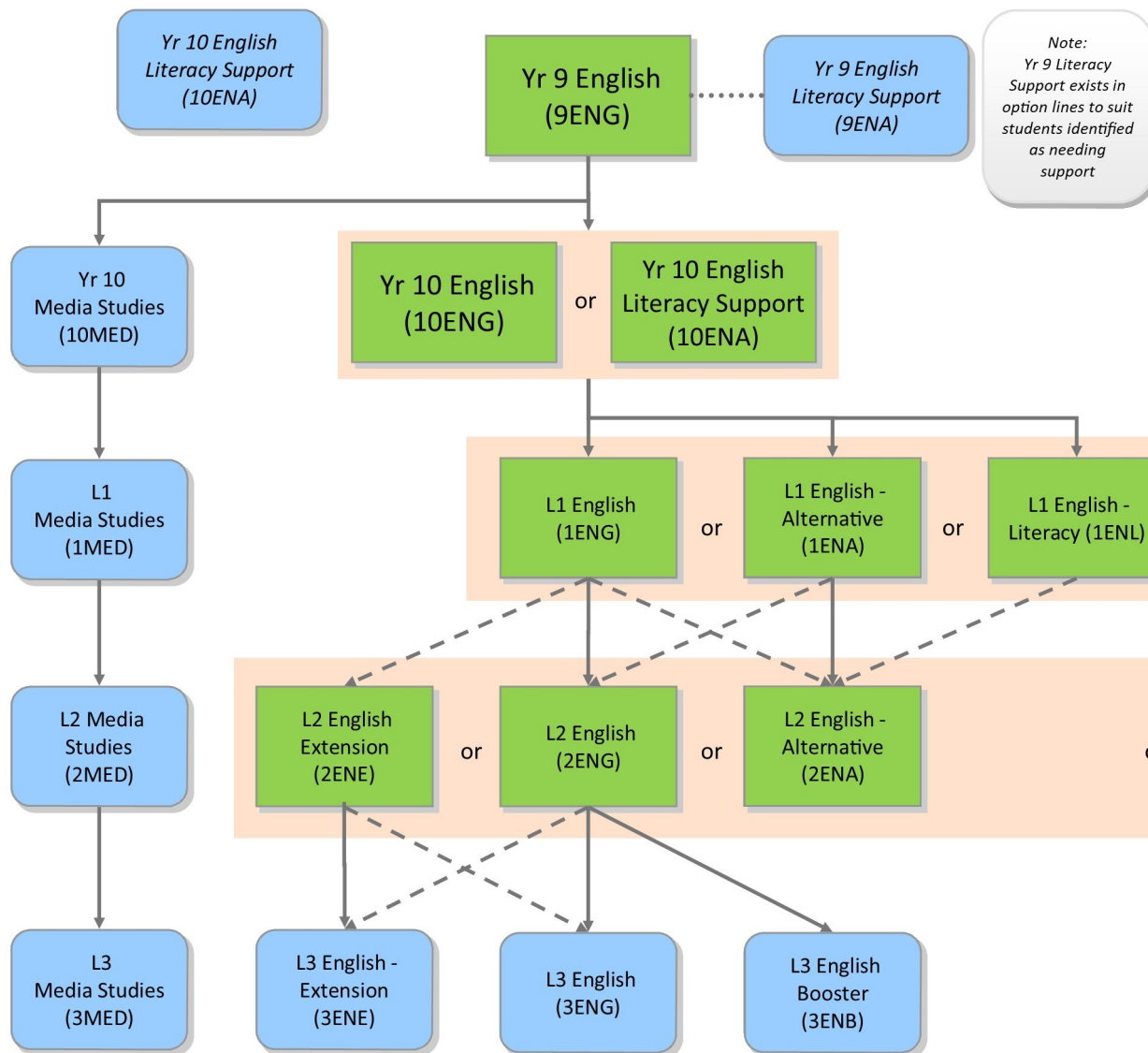
Compulsory Subject

Optional Subject

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

— Main Pathway

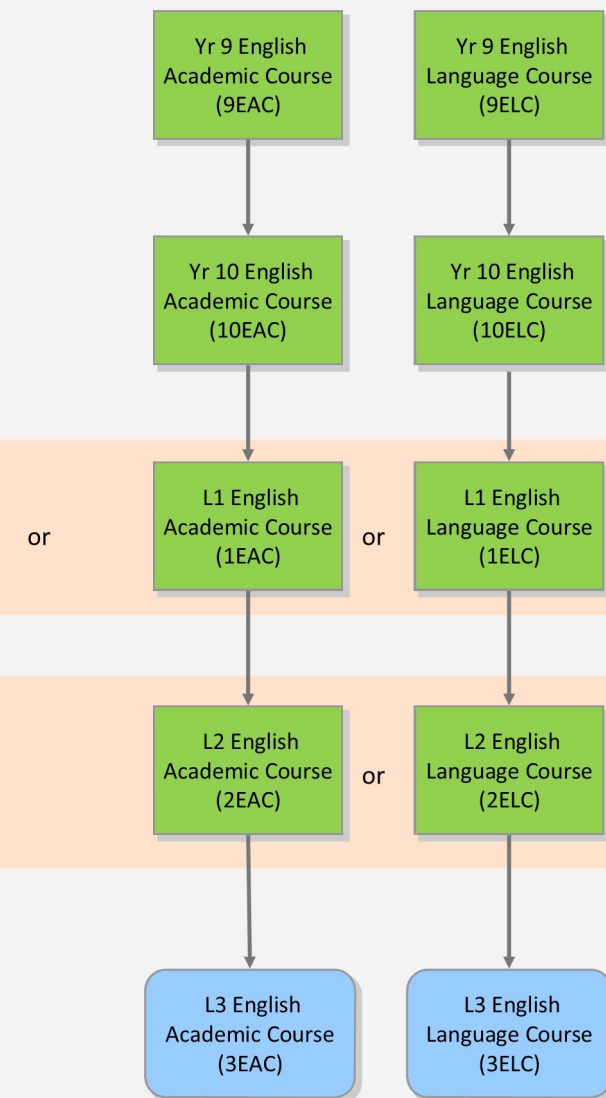
..... Other Pathway



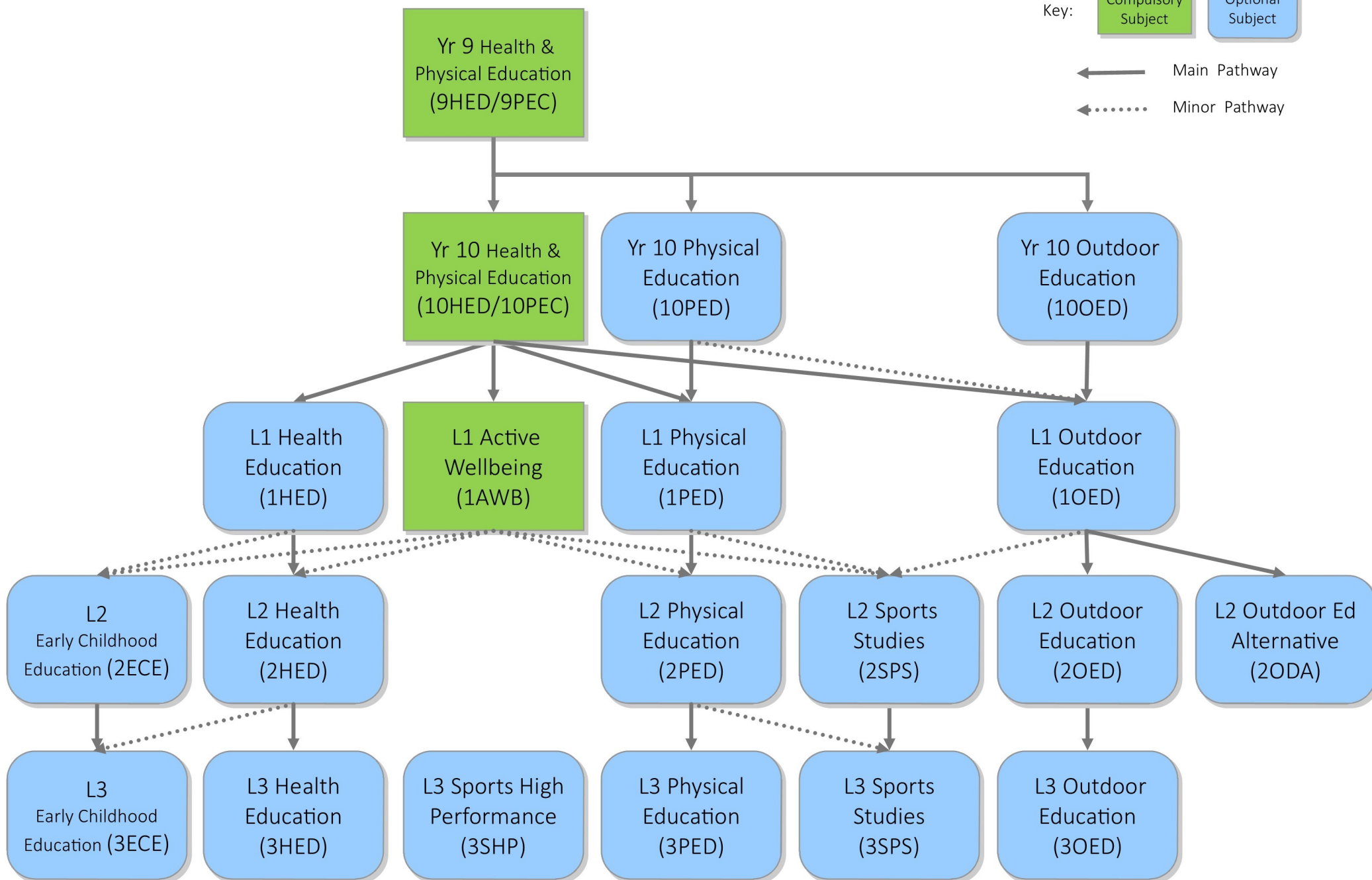
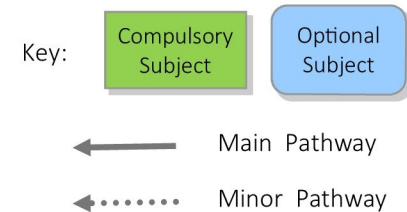
ENGLISH AS ADDITIONAL LANGUAGE (EAL) FLOWCHART 2025

At Year 9/10, identified students may be removed from a Year 9 or a Year 10 option line to attend the English Language Course (ELC). Students in 9/10 EAC will attend 9/10 ENG as well.

At Year 11/12/13 identified students may be placed in EAC or ELC instead of English, as recommended by Head of EAL. Students are placed in EAC and ELC depending on their English Language Progression Stages.

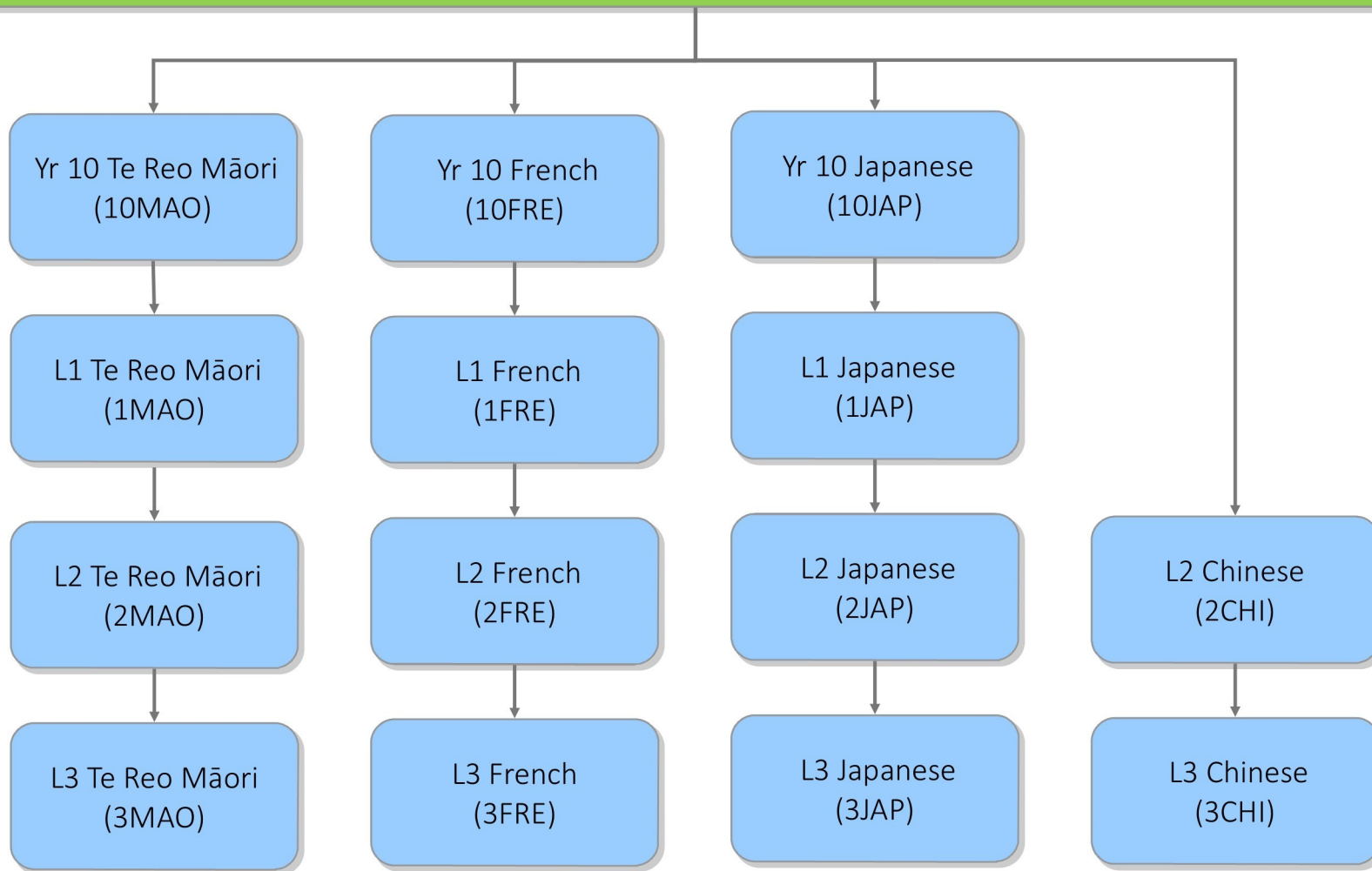


HEALTH & PHYSICAL EDUCATION FLOWCHART 2025

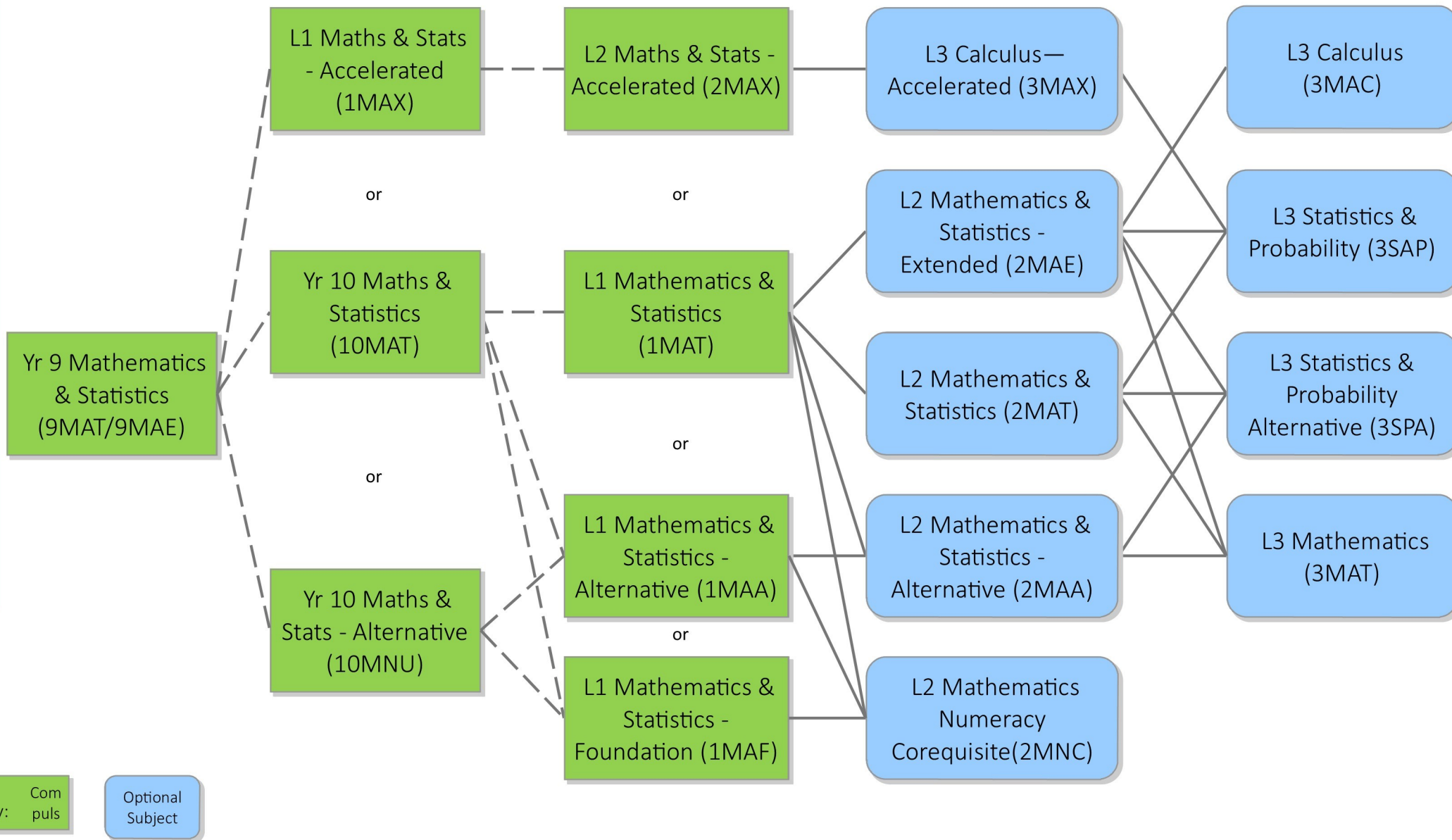


LANGUAGES FLOWCHART 2025

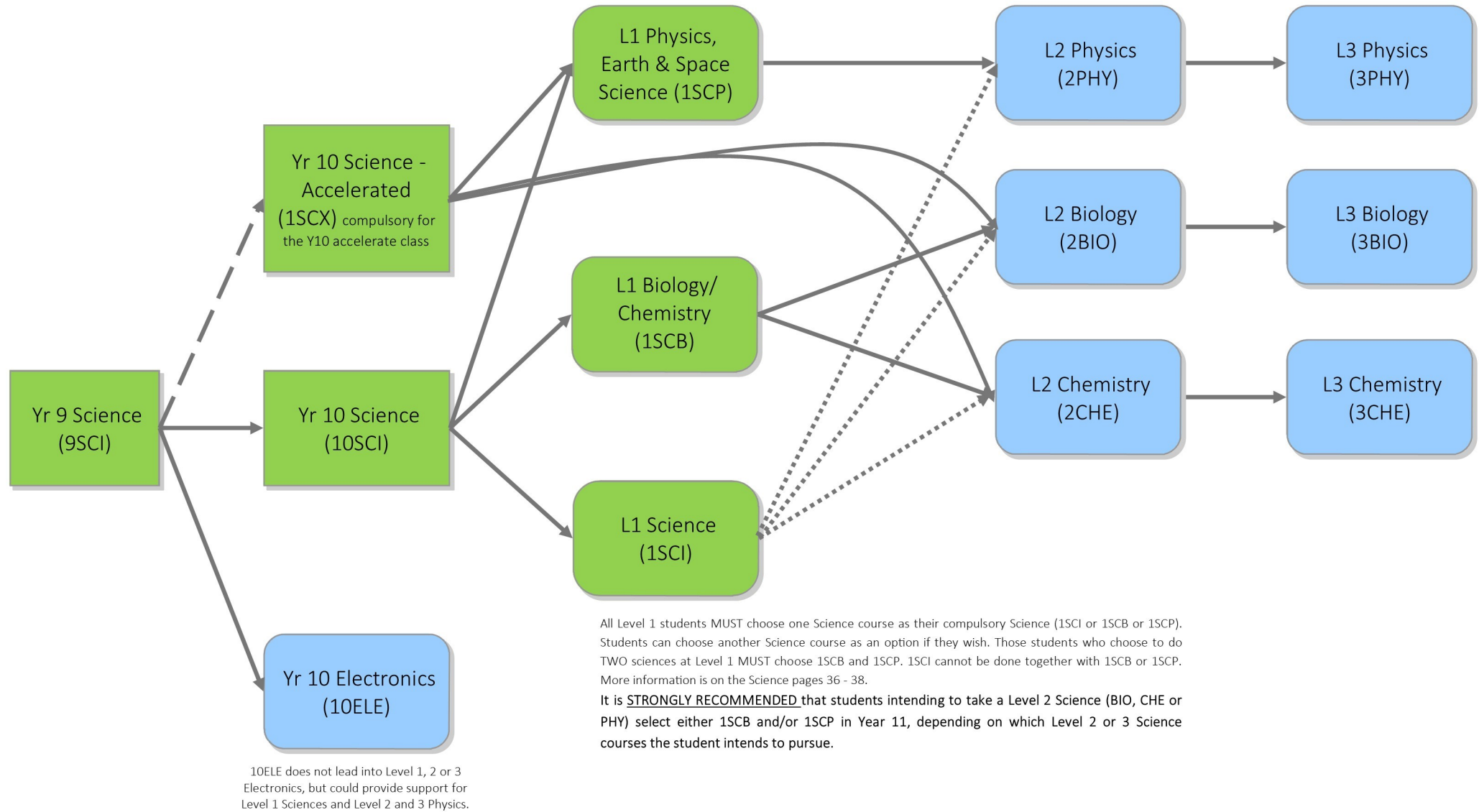
Choose 2 from Yr 9 French (9FRE), or Japanese (9JAP), or Te Reo Māori (9MAO), or Chinese (9CHI *pilot for 2025*)
(2 terms each)



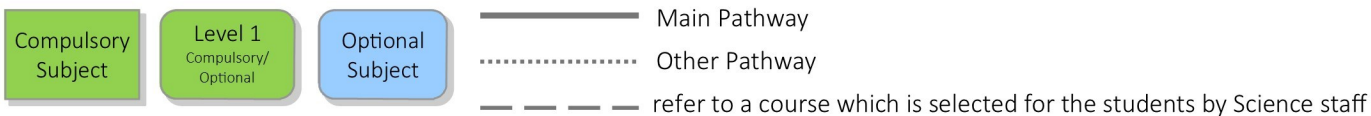
MATHEMATICS AND STATISTICS FLOWCHART 2025



SCIENCE FLOWCHART 2025



Key:



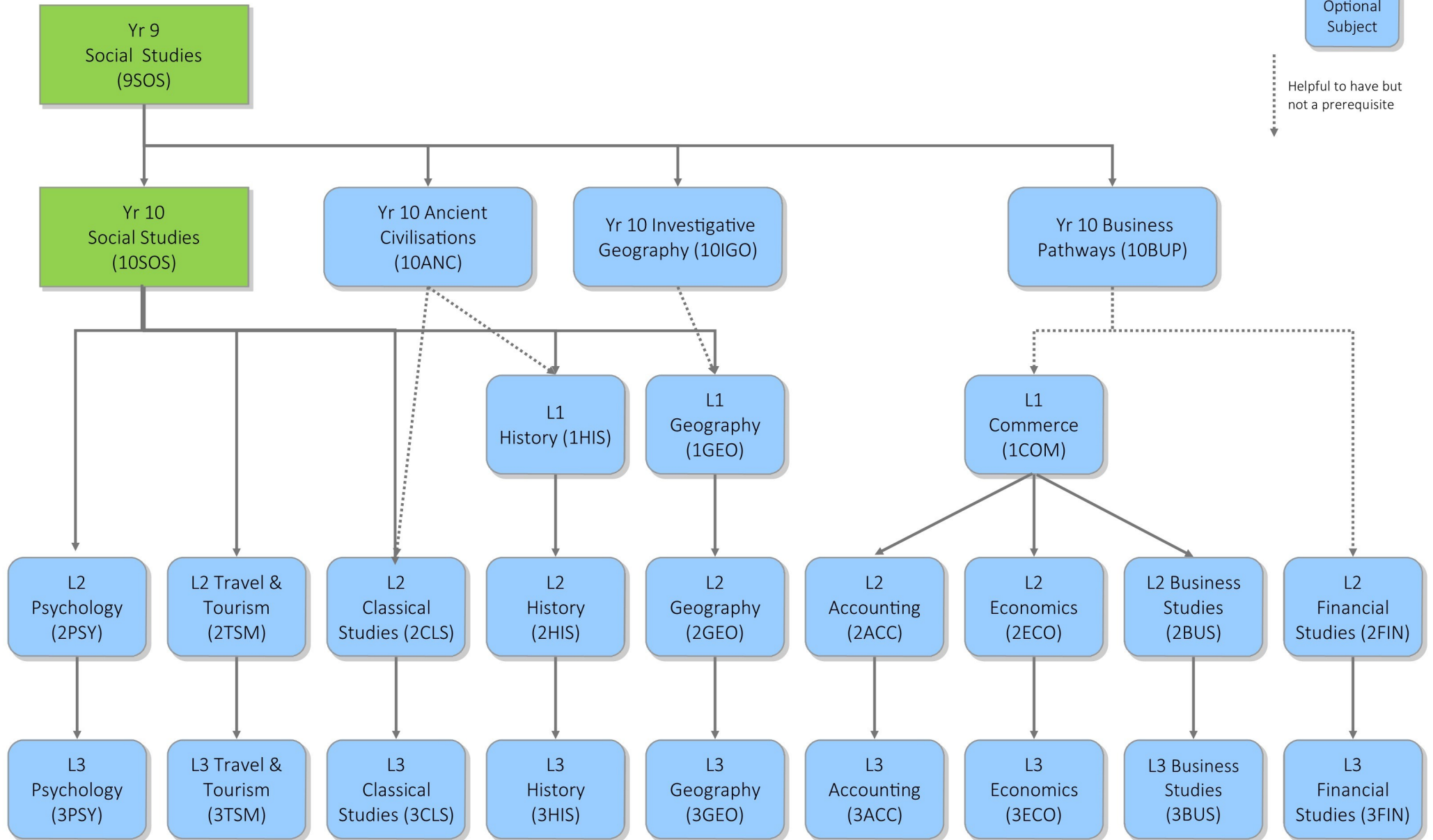
SOCIAL SCIENCES FLOWCHART 2025

Key:

Compulsory Subject

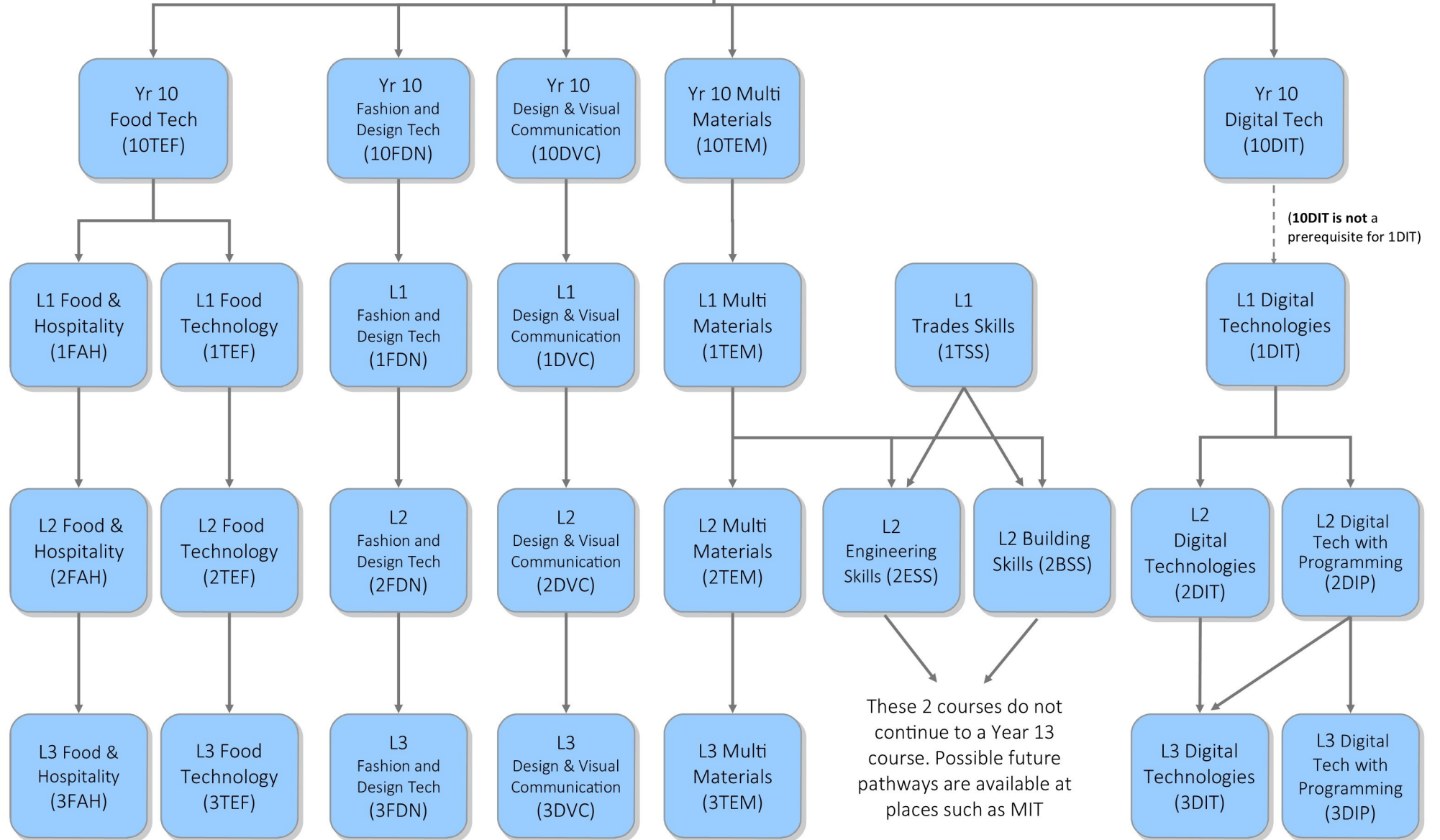
Optional Subject

Helpful to have but not a prerequisite



TECHNOLOGY FLOWCHART 2025

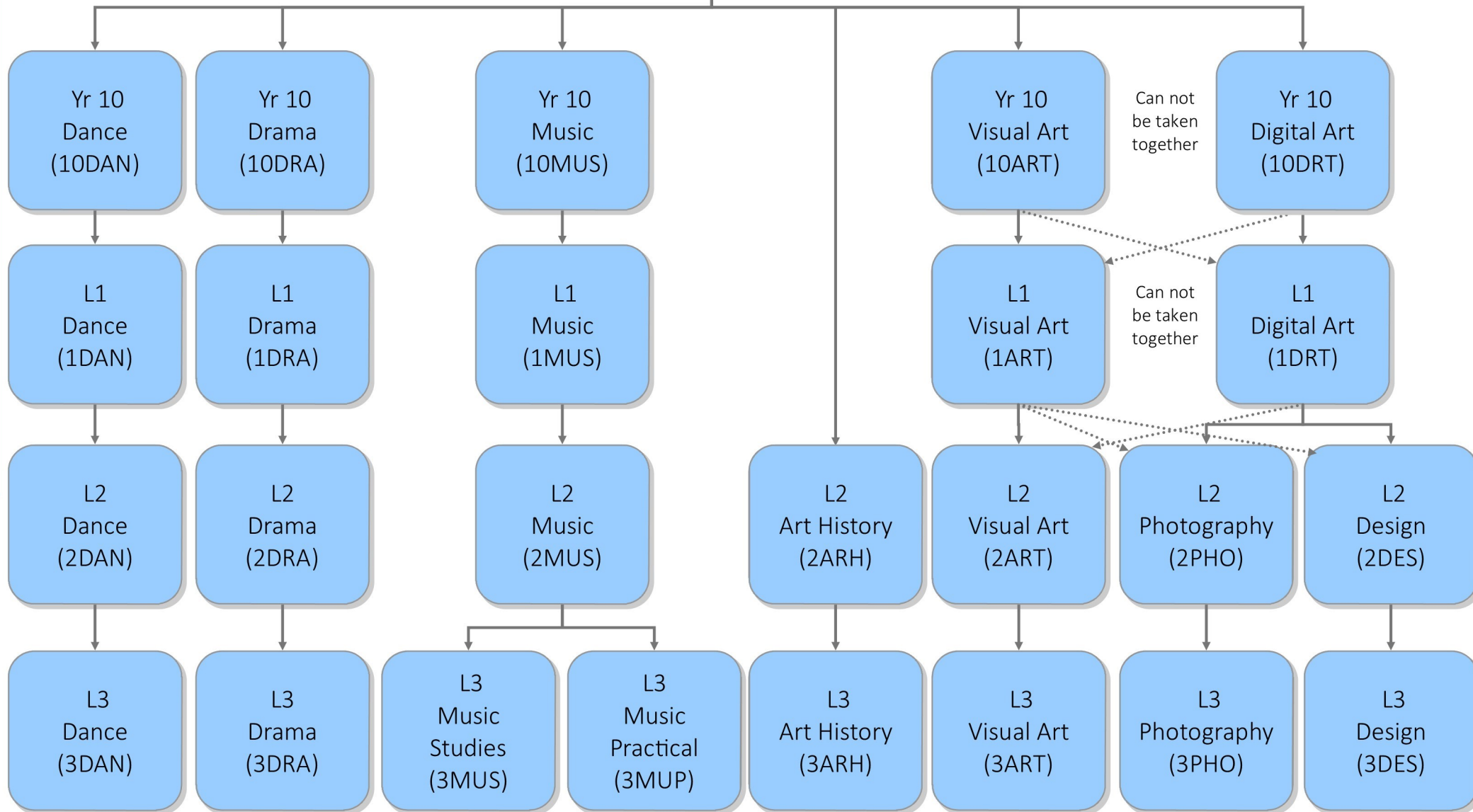
Yr 9 Food Technology (9TEF), Digital Technology (9DIT), Design & Visual Communication (9DVC), Materials Technology (9MTY) (1 term each)



VISUAL AND PERFORMING ARTS FLOWCHART 2025

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

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



YEAR 10 COMPLUSORY SUBJECTS

ENGLISH (10ENG)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 English (1ENG, 1ENA, 1ENL, 1EAC, 1ELC)
Teacher in charge of subject:	Miss Yu
HOLA in charge of subject:	Ms Pinnell

The Botany Downs Secondary College English Learning Area shares the aims of the New Zealand English Curriculum, which wants students to:

- engage with and enjoy language in all its varieties and
- understand, respond to and use oral, written and visual language effectively in a range of contexts.

English for Year 10 students is compulsory and aims to give students every opportunity of working at the appropriate curriculum level while familiarising themselves with fundamental language skills. Students will engage with a range of text types, including poetry, short stories, novels, films, and non-fiction using them to explore and learn about human experiences. Students will also experiment with a range of communication formats throughout the year. Junior students are encouraged to read widely outside of the classroom.

The 10ENG course will also include some preparation for the new Literacy co-requisite assessments, which will be sat in Term 3 or 4.

Students requiring extra literacy support will be placed in 10ENA, instead of 10ENG, after consultation with the HOLA, HOD Learner Support, the student and their whanau.



HEALTH & PHYSICAL EDUCATION (10HED & 10PEC)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	1PED, 1HED, 1OED, 1AWB
Teacher in charge of subject:	Mr Hough
HOLA in charge of subject:	Mr Saville

In Year 10 Health and Physical Education, students participate in two lessons of Core Physical Education (PEC) per week, and one lesson of Health Education (HED) per week. Student progress and achievement in Physical Education and Health Education are assessed and reported on separately.

This course is based on Health and Physical Education in the New Zealand Curriculum. It builds on the knowledge and skills developed in Year 9 Health and Physical Education.

In Year 10 Core Physical Education (10PEC):

- Students participate in and learn through a wide variety of practical contexts.
- PE lessons are focused around the themes of social responsibility, biophysical principles (anatomy, biomechanics and exercise physiology) and socio-cultural influences on participation.
- Students will also develop and be assessed on their movement skills throughout these units.

In Year 10 Health Education (10HED):

- Learning is focused around the topics of Keeping Safe (Alcohol and Drug Education), Healthy Relationships (Sexuality Education) and Mind Matters (Mental Health).



YEAR 10 COMPLUSORY SUBJECTS

MATHEMATICS AND STATISTICS (10MAT)

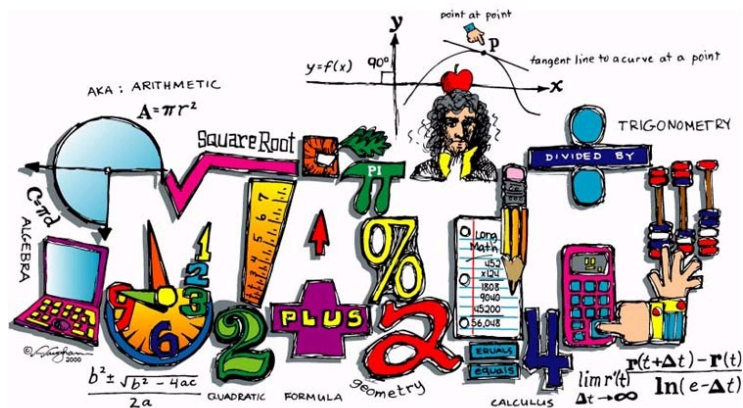
COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	Casio FX-82AU PLUS II 2 Scientific Calculator – approximately \$53
Course Leads to:	NCEA Level 1 Mathematics & Statistics
Teacher in charge of subject:	Ms Liu
HOLA in charge of subject:	Ms Bennet

This course prepares students for NCEA Level 1 Mathematics. The course is determined by the National syllabus and includes the following topic areas: numbers and percentages, area and volume, geometry, measurement, trigonometry, graphing, algebraic manipulation, statistics, probability, solving equations, vectors, constructions and transformations. Year 10 Mathematics covers levels 4, 5 and 6 of the NZ Mathematics Curriculum. The course aims to develop skills gained in Years 7, 8 and 9.

The Year 10 Mathematics & Statistics goals are to help students see the value and usefulness of mathematics and statistics in every day life; develop their ability to think logically, creativity, critically, strategically and provide them with the mathematical and statistical skills needed for work. All of this course will be assessed by end of topic tests. There will also be a mid-year and end of year school exam, which will determine students placement in Year 11 Mathematics courses. Students will be given the opportunity to sit the numeracy co-requisite standard.

There are 2 Year 10 Mathematics courses: 10MAT and 10MNU (Mathematics with Numeracy). 10MNU will cater for students with additional needs in Mathematics. Placement into these courses will be at the decision of the Head of Mathematics.



MATHEMATICS - ACCELERATED (1MAX)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	Casio FX9860Giii Graphic calculator is compulsory -approximately \$200 Workbooks and other subscriptions \$35.
Course Leads to:	NCEA Level 2 Mathematics Accelerated (2MAX)
Teacher in charge of subject:	Mr Gamiao
HOLA in charge of subject:	Ms Bennet

Mathematics & Statistics (1MAX) is a Level 1 Mathematics & Statistics course that develops students' mathematical and statistical knowledge in preparation for further study in the Mathematics & Statistics curriculum. Students are **selected** into this programme based on their Year 9 Mathematics results. Topics include: number, algebra, geometry, measurement, statistics and probability.

NCEA standards will be formally assessed on the two standards listed below, and complete 2 school-based assessments for other selected topics.

School-based assessments will be designed by the Learning Area staff. This will help students to prepare better for Level 2 Mathematics.

School Based Assessments:

1. Chance and Data—Probability, Time series and Misleading graphs
2. Functions in Graph and Algebra—Linear Algebra, Quadratics and Exponentials

NCEA ACHIEVEMENT STANDARDS

These are summative assessments that are completed internally (INT) at BDSC or in a NZQA external examination (EXT). These assessments **will** provide credits toward NCEA Level 1. The table below shows whether an assessment is internally or externally assessed and how many credits the assessment is worth. For all other Level 1 courses, students will have the opportunity to gain credits for one achievement or unit standard. Some alternative unit standard courses may be given approval to offer additional credits.

Number	Subject Ref	Title	Int/ Ext	Credits
AS91944	Mathematics & Statistics 1.1	Explore data using a statistical enquiry process	INT	5
AS91947	Mathematics & Statistics 1.4	Demonstrate mathematical reasoning	EXT	5
<i>Possible NCEA Credits Available</i>				10 Credits

YEAR 10 COMPLUSORY SUBJECTS

SCIENCE (10SCI)

COURSE INFORMATION

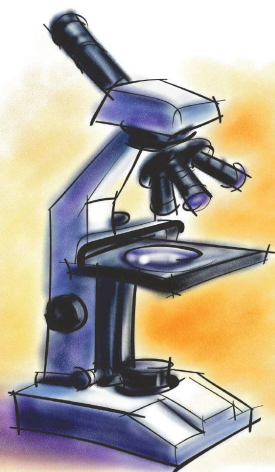
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 Sciences
Teacher in charge of subject:	Mr Jeet
HOLA in charge of subject:	Mr Kumar

Y10 Science aims to develop an understanding of the world around us. It employs critical thinking and other essential skills that are relevant to all citizens, not just future scientists and technologists. In our complex world, comprehending how technology is developed and how science and technology impact our lives is crucial.

The topics studied include diversity, forces and motion, chemical reactivity, electricity, and investigation skills.

Year 10 Science is compulsory, building upon what students learned in Year 9 and developing the necessary skills to handle Year 11 Sciences. Successful completion of this course leads to mandatory one or up to a maximum of two Science Courses in Year 11.

For students to excel in this course, maintaining a progress GPA and school exam GPA of 70% or above is recommended. Achievement in Year 10 course determines the available Science course options for Year 11.



SCIENCE - ACCELERATED (1SCX)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 2: Biology and/or Chemistry
Teacher in charge of subject:	Mrs Devi-Govind
HOLA in charge of subject:	Mr Kumar

The Year 10 accelerated class will have the opportunity to take the 1SCX (Biology-Chemistry-1SCB) course while they are in Year 10. This group of students consists of our more able students, and the goal is to accelerate their learning, keeping them engaged and motivated in Science subjects.

If a student successfully completes the 1SCX course in Year 10, they will have THREE options for Year 11:

- Take another Level 1 Science –1SCP course— prerequisite for 2PHY.
- Choose **ONE** Level 2 Science subject (either 2BIO or 2CHE) provided the prerequisite has been met.
- Select the 1SCP Course **along with one Level 2 science** course (2BIO or 2CHE), provided the prerequisite has been met.

All students, regardless of their choice, will be **limited to only one accelerated Science course at Level 2 while in year 11**. This means that they must take at least one science course at either Level 1 or Level 2 while in Year 11. The intention is to encourage students to diversify their subjects in Year 13 and focus on the Scholarship program. Students should be aware that there will be no additional study periods in Year 13, and they will be required to take five subjects, regardless of their Year 12 achievements. **Accelerated Science students will not be allowed to repeat a Level 3 Science course in their Year 13.**

1SCX course is made up of four standards. The standard AS92023 is NCEA externally assessed standard worth 4 cr. The other three standards are BDSC standards that will be assessed internally but will not generate any NCEA credits. However, the results of these three standards together with the NCEA assessed standard will be used as prerequisite to determine entry into 2BIO and/or 2CHE courses as well as awarding the BDSC Diploma.

AS92023: NCEA Externally Assessed Standard (4 cr)

This standard requires students to Demonstrate comprehensive understanding of how physical properties of materials inform their use. It will require explaining, elaborating, applying, justifying, relating, evaluating, comparing and contrasting, and analysing skills.

1SCX04:

This unit requires students to demonstrate comprehensive understanding of biological ideas relating to micro-organisms. It may involve explaining, elaborating, applying, justifying, relating, evaluating, comparing and contrasting, or analysing.

1SCX08:

This unit requires students to demonstrate comprehensive knowledge of properties of substances and their uses based on their properties. It will require explaining, elaborating, applying, justifying, relating, evaluating, comparing and contrasting, and analysing skills. This will also be assessed by School Exam and the NCEA External Examination.

1SCX11:

This unit requires students to demonstrate comprehensive understanding of aspects of chemical reactions including explaining, elaborating, justifying, relating, evaluating, comparing and contrasting, or analysing the classification of reactions. This typically requires the use of chemistry vocabulary, symbols and conventions (including names and formulae), and writing balanced symbol equations.

1SCX18:

This unit requires students to demonstrate comprehensive understanding of Genetic Variations of organisms and their implications.

YEAR 10 COMPLUSORY SUBJECTS

SOCIAL STUDIES (10SOS)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Any Level 1 subject in Social Sciences
Teacher in charge of subject:	Miss Douglas
HOLA in charge of subject:	Miss Douglas

Social Studies education aims to teach students about the world in which they live and how to be informed, critical, active and responsible citizens of that world.

Contexts are drawn from the past, present and future and from places within and beyond New Zealand across Year 9 and 10. The Year 10 course focuses on global issues and how these relate to New Zealand.

Topics covered in Y10 are:

- Global Introduction
- Holocaust and Remembrance
- Trade
- Sustainability
- Treaties

In addition to the content covered, mapping, graphing, interpreting and research skills will be taught and tested. Current events will be covered in class.

At the end of each topic there will be an assessment or a test.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

ANCIENT CIVILISATIONS (10ANC)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Any literacy based subjects; Level 1 History; Level 2 Classical Studies
Teacher in charge of subject:	Mr Mihajlov
HOLA in charge of subject:	Miss Douglas

This course will offer students the opportunity to study the cultures of some of the world's ancient civilisations. The aim is to learn about different cultures and places thematically, focusing on Myths and Religion, Warfare and Conquest, Society, and of course Food and Entertainment.

This course will be an integrated studies course involving aspects of History, Classical studies, Geography, Economics, art and literature focusing on specific aspects of each of the civilisations. It will also include the development of digital skills, with sites dedicated to student learning on these topics needing to be accessed, and selected activities needing digital knowledge. Within these topics will be the opportunity to look at how archaeologists find and interpret evidence.

Key themes include the rise and fall of ancient civilisations, religion, society, art, culture, cuisine, and technology.



ART (10ART)

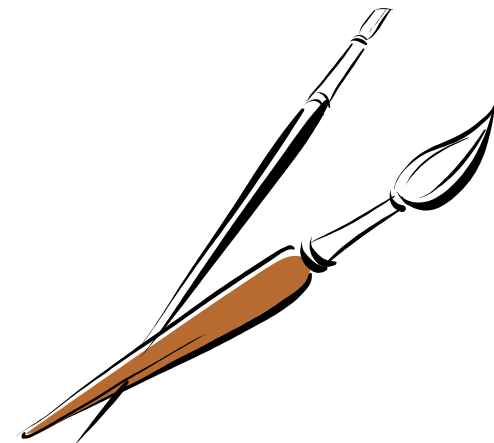
COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$40
Course Leads to:	Level 1 Art or Level 1 Digital Art (with HOD approval)
Teacher in charge of subject:	Miss Clapperton
HOLA in charge of subject:	Miss Clapperton

The Year 10 Visual Art course will allow students to experience and experiment with a variety of media, techniques and art making tools. Each term there will be a new focus in which students will develop different practical skills such as drawing, painting, sculpture or collage.

Along with practical skills, students will learn how to generate and develop ideas in response artist models, research, subject matter and cultural influences. Each student completes a painted Skateboard unit which is displayed in the end of year Art Exhibition. Students are able to keep their completed items at the end of the course.

Note: you can not take both Visual Art (10ART) and DIGITAL ART (10DRT)



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

BUSINESS PATHWAYS (10BUP)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 Commerce
Teacher in charge of subject:	Mr Sharma
HOLA in charge of subject:	Miss Douglas

This course provides the pathways for Level 1 Commerce and also future business/commerce pathways. Year 10 Business Pathways aims to teach students essential thinking, decision making investigative and statistical skills as they relate to Accounting, Business, Economics, Personal Finance and Innovative thinking. These skills are of primary importance to our young people as New Zealand is a country built on small businesses.

Over the year students will be introduced to the financial language of Accounting, Budgeting, Economics, Marketing, as well as starting a business.

Students who do Year 10 Business Pathways will also take part in the Microsoft Imagine Cup Junior Global Challenge, the Dragons Den competition, and be part of Money week.



DANCE (10DAN)

COURSE INFORMATION

Fieldwork:	Compulsory class trips may take place during the year. Some optional trips may be offered with costs TBC.
Course Contributions:	N/A
Course Leads to:	Level 1 Dance
Teacher in charge of subject:	Mrs McKenna
HOLA in charge of subject:	Mrs McKenna

This programme is designed to give students an understanding of dance, and is in preparation for Level 1 Dance. Students will learn a variety of dance techniques and choreographic skills. As well as attending dance performances the students are required to attend workshops with dance professionals and work with guest tutors throughout the year. The students will learn a variety of genre's and styles of dance such as: ballet, hip hop, contemporary, jazz, traditional and ethnic dance forms, social dance, as well as choreographic techniques to compose dance works.

Students are required to work independently and in groups as well as perform their work on stage, before an audience. Students are to bring PE gear and a water bottle to class as well as their 1B5 dance journal or digital device.

It is compulsory for all students to perform in the annual dance showcase in Term 3. This production is of all performance-based assessments.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

DESIGN & VISUAL COMMUNICATION (10DVC)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 DVC
Teacher in charge of subject:	Mr Jowers-Wilding
HOLA in charge of subject:	Mr Achary

Using drawing, modelling and presentation skills, students develop solutions to a range of challenging design problems. They should ultimately become competent in applying a variety of design and visual communication techniques through graphics practice. This forms the foundation for Level 1 Design and Visual communication course to follow in Year 11.

Design and visual Communication is a portfolio based course with no formal examination.

It is strongly advised that students who are intending to take Design and Visual Communication at Level 1, to choose Year 10DVC as an option.



DIGITAL TECHNOLOGY (10DIT)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 DIT
Teacher in charge of subject:	Mrs Nelapati
HOLA in charge of subject:	Mr Achary

Digital Technologies is a taster course for students who might be interested in computer programming, computer science, multimedia, web development and digital infrastructure. This course is suitable for students who are creative, logical and problem-solvers. They move beyond being users and consumers of digital technologies to become creators of new technologies for authentic users. Students will learn computer science concepts like binary, data representation, Minecraft coding and how to program a robot, Micro:bit and the basics for developing websites, multimedia and what is inside a PC. It leads on to Digital Technologies courses in Year 11-12. These classes are going to be held in a normal classroom and students will need to use their own laptops. All students that take this course must commit to providing a laptop that meets BYOD requirements and also to bringing it fully charged to class each lesson.

It is strongly advised that students who are intending to take Digital Technologies at Level 1, to choose Year 10DIT as an option.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

DIGITAL ART (10DRT)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$20 (does not include the \$10 Adobe licence)
Course Leads to:	Level 1 Digital Art
Teacher in charge of subject:	Miss Clapperton
HOLA in charge of subject:	Miss Clapperton

Digital Art focuses on experiencing a variety of digital and practical media, techniques and tools for art-making in the fields of Photography, Digital painting, Design and Illustration. It leads on to Level 1 Digital Art. In further years (Level 2 and 3) Digital Art breaks into separate courses of Photography and Design. Students can take both Photography and Design in the senior school.

This course is held in a computer lab which has access to the Adobe suite of programmes. Students can decide to use a laptop for this course but will need it to be high functioning, meet BYOD requirements and fully charged each lesson. Laptop students also are required to purchase a copy of Adobe Suite for their laptop. All students are able to purchase a year Adobe licence through the school for approx. \$10. This is handy to install on a home computer for catch up or homework. Information regarding this will be given to students at the beginning of the course.

Note: you can not take both Visual Art (10ART) and DIGITAL ART (10DRT)



DRAMA (10DRA)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$30 (approximate cost of theatre trips, resources)
Course Leads to:	Level 1 Drama
Teacher in charge of subject:	Mrs Walton
HOLA in charge of subject:	Mrs Walton

Drama in Year 10 is a creative, collaborative, confidence building course and a fun, expressive way to learn and develop knowledge. It leads on to Drama in Year 11.

Taking Drama develops students ability to work with others, think creatively and apply this thinking in practical ways. Students learn to work to deadlines and to present themselves with confidence in a public setting. It encourages leadership skills and offers opportunities to develop communication skills. If you enjoy active learning then Drama is for you.

You will learn about a range of theatrical styles and texts. You will work as performers, directors, designers and creators. You will be given the opportunity to attend a professional drama production.

Drama is a practical course that requires co-operative group work and for you to devise, rehearse, perform and learn lines for scripted work. You will be expected to see a senior/school production in order to review it with a critical eye. You will require a black long sleeved top, black relaxed (track) pants and black lace up canvas shoes to be worn for assessments and any performance opportunities.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

ELECTRONICS (10ELE)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$50 Project Materials (estimated)
Course Leads to:	Level 2 and 3 Physics and Technology courses.
Teacher in charge of subject:	Mr Singh
HOLA in charge of subject:	Mr Kumar

This course is designed to give students a good grounding in the basic principles of electronics. The course will enable students to obtain hands-on experiences since most of the course will involve working with different electronic components and building simple projects. The students will also be introduced to programming chips. This course gives interested students the opportunity to take part in competitions such as Science Fair, and Robotics Challenge.

The topics covered are: Basic Electricity, Study of Components, Making prototype, Making PCB, Soldering, Project work developing electronic products, Picaxe programming.

NOTE: this subject does not lead into Level 1, 2 or 3 Electronics, but does provide support for Level 1 Sciences and Level 2 and 3 Physics.



ENGLISH as an ADDITIONAL LANGUAGE (10EAC/ELC)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 EAC/ELC
Teacher in charge of subject:	Dr Narain
HOLA in charge of subject:	Ms Pinnell

There are TWO courses in the EAL Junior Year 10 programme:
10EAC - ELLP Stage 2-3
10ELC – ELLP Foundation Stage – Stage 1

The course is designed to support students to improve their English proficiency in speaking, listening, reading and writing.

Comprehensive output:

Speaking: conversation, discussion, presentation, enquiry

Writing: text structure and genre; syntax (grammar), semantics (meanings), punctuation, spelling

Comprehensible input:

Listening: for specific information, for notetaking, for opinions, intonation

Reading: predicting, skimming, and scanning, reading for meaning, inference, genre

Units of work will also include subject specific vocabulary as well as support across the curriculum.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

FASHION AND DESIGN TECHNOLOGY (10FDN)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$40
Course Leads to:	Level 1 Fashion and Design Technology
Teacher in charge of subject:	Ms Green
HOLA in charge of subject:	Mr Achary

This course encourages students to gain an appreciation of Technology while developing the creativity and skills to design and manufacture a variety of textile products used in fashion, costume and/or interior design. As well as design illustration skills, students will gain the necessary skills to use and adapt commercial patterns, fit and adjust apparel, create applied designs for fabric using a variety of techniques, as well as accurately use a plain sewer and overlocking sewing machine to sew woven and knit fabrics. The course is intended to provide students with a sound background for senior NCEA Fashion and Design Technology. Course cost covers basic materials for trials and sampling. Students will need to purchase fabric for some of the projects and a commercial pattern for one project.

Not recommended to take a combination of Multi Materials (10TEM), Fashion & Design Technology (10FDN) and/or Food Technology (10TEF)



FOOD TECHNOLOGY (10TEF)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$90
Course Leads to:	Level 1 Food Technology, Level 1 Food & Hospitality
Teacher in charge of subject:	Mrs Thomson
HOLA in charge of subject:	Mr Achary

This is a practical and theory course progressing on from Year 9 and looks at the exciting and creative facets of food technology, including basic nutrition, product development, safe food handling, bread-making, investigating kitchen machines and being highly creative and original with foods. Those who may be passionate about cooking and designing food products, becoming a chef, or food technologist, while developing culinary skills and will benefit from learning the basics of food development. This is an exciting and dynamic Year 10 programme. It offers a very good introduction to the many opportunities in the food industry, leading onto Food Technology at Level 1, 2 and 3 or Hospitality at Level 1, 2 and 3. There is a weekly practical component where course costs will be charged.

Course Contributions:

Basic ingredients will be supplied, however when their ingredient choices are outside the food department's pantry basics list, students will be requested to bring some foods for practical lessons. The contribution for basic ingredient supplies is \$90

Not recommended to take a combination of Multi Materials (10TEM), Fashion & Design Technology (10FDN) and/or Food Technology (10TEF)



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

FRENCH (10FRE)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	Workbook \$10 (Highly recommended)
Course Leads to:	Level 1 French
Teacher in charge of subject:	Mrs Killip
HOLA in charge of subject:	Mrs Killip

Year 10 French develops all 4 language skills of listening, reading, writing and speaking to enable students to communicate and cope in a real-life situation. Students will be able to engage with new ways of thinking, questioning and interpreting their world using a wide range of resources (games, ICT) which will make the lessons fun and interactive. The aim is for them to understand how languages work, help them to communicate more effectively in a new language but also in their own language(s). The course will cover theme-based vocabulary and sentence structures with topics that are engaging and current and talk about their routine, at home and at school, talking also about their favourite activities and their future plans. Students will also become familiar with NCEA style assessments and will be given the opportunity to use their language skills with native speakers.

It is important to note that this course is a prerequisite if students are intending to take French in Level 1.



INVESTIGATIVE GEOGRAPHY (10IGO)

COURSE INFORMATION

Fieldwork:	Field trips: A one day trip into Auckland City, local field work and a two day field trip to Waitomo. Other opportunities may arise.
Course Contributions:	\$25 for transport for the Auckland field trip (estimated). \$160 for the two day Waitomo field trip (estimated).
Course Leads to:	Level 1 Geography
Teacher in charge of subject:	Miss Brodie
HOLA in charge of subject:	Miss Douglas



Location, location, location. Why is location so important? What are the factors that affect where urban areas are situated? Mega cities: why are they so large? What is it like to live in them? Are cities sustainable? We will also look at factors affecting the liveability of Auckland and the geography of business locations.

The geography of disease is investigated. What factors assist the spread of diseases today and in the past; spatial epidemiology and its contribution to containing disease outbreaks. Where are contagious and non-communicable diseases prevalent today and why? What are the consequences of these diseases for people and their families?

Adventure landscapes and fizzy rock looks at the formation of limestone landscapes, how they have been used in the past by people and how they are used by people today.

Field work and practical work are important in this course, involving team work and navigation in our urban environment with an introduction to using GPS and GIS technology. A two day field trip to Waitomo is planned.

This course is designed to get students thinking about the world we live in, how some of the natural and cultural features in it are formed and how we interact with them. In the process, students learn a number of geographic skills. It is an academic course with a practical component. A positive and enthusiastic attitude is required.

Students do not have to take this option in order to study Geography at Level 1.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

JAPANESE (10JAP)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$10 Workbook (highly recommended)
Course Leads to:	Level 1 Japanese
Teacher in charge of subject:	Ms Lodge
HOLA in charge of subject:	Ms Lodge

Year 10 Japanese develops all 4 language skills of listening, reading, writing and speaking to enable students to communicate and cope in a real-life situation. The course will cover theme-based vocabulary and sentence structures from Level 2 and 3 of the curriculum (e.g. School, Daily Routine, Travel). The learning will be enhanced with cultural activities, access to outside competitions and the use of ICT.

It is important to note that this course is a prerequisite if students are intending to take Japanese in Level 1.

TE REO MĀORI (10MAO)

COURSE INFORMATION

Fieldwork:	Bone Carving Workshops, Polyfest, Māori events
Course Contributions:	\$10 outside of school trips
Course Leads to:	Level 1 Te Reo Māori
Teacher in charge of subject:	Whaea Roimata
HOLA in charge of subject:	Ms Lodge

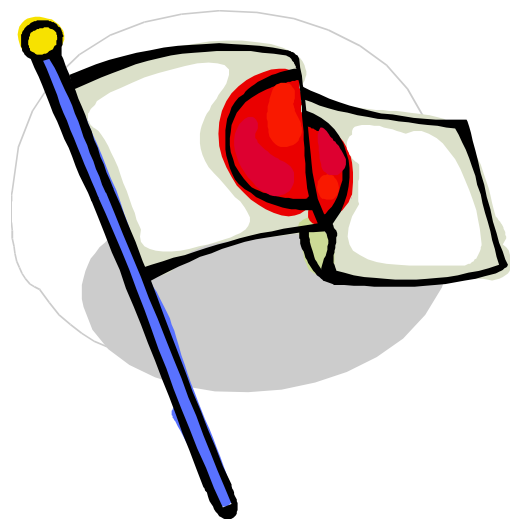
“Poipoia te kākāno kia puāwaitia”

Nurture the seed so that it may blossom

This whakatauki has been carefully selected to indicate the importance of fostering identity via te reo Māori.

Tikanga Māori sits at the heart of our classes. This encourages students to develop a deeper understanding and appreciation of te ao Māori (the Māori world). As language and culture are inextricably linked, students will be explicitly exposed to tikanga (customary practices and values) alongside their learning of te reo. Within the course, students will communicate about their whānau relationships, learn waiata and local iwi stories, belongings, likes and dislikes, physical characteristics, feelings, and day to day life including themes such as time, weather, and seasons. Te reo Māori provides a platform for future studies at NCEA and tertiary level, and opens doors to highly competitive career pathways.

Nau mai ki te huarahi Māori – We welcome all to this whānau learning space!



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

MEDIA STUDIES (10MED)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 Media Studies
Teacher in charge of subject:	Mr Greenstreet
HOLA in charge of subject:	Ms Pinnell

Do you love using social media, watching movies, or making videos? Then Media Studies is for you! It's perfect for anyone who wants to get better at communication, social media, and filmmaking while also learning to think critically about the world around us. Plus, it's the first step in a 4-year Media Studies program at BDSC, setting you up for awesome opportunities in the future.

In Year 10 Media Studies, you'll dive into the basics that will set you up for senior Media Studies. You'll start to see how media shapes our lives and why it's so important for society.

Throughout the year, you'll do cool stuff like close reading and film analysis, studying film genres, exploring animation and satire, and eventually planning and making your own short film. You'll get hands-on experience with cameras, sound, and editing software. The highlight is in Term 4, where you'll work in small groups to film, produce, and edit a short film of any genre you choose – whether it's a narrative film, music video, or documentary. Get ready to unleash your creativity!



MULTI MATERIALS TECHNOLOGY (10TEM)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$50
Course Leads to:	Level 1 Multi Materials
Teacher in charge of subject:	Mr Jowers-Wilding
HOLA in charge of subject:	Mr Achary

This course builds on the skills and knowledge students have gained in Year 9. Students in Year 10 are presented with a range of challenging and authentic projects aimed at developing their technological literacy, increasing their range of workshop skills and expanding their understanding of the different material properties and processes associated with wood, metal and plastic.

Students are encouraged to think creatively, using their problem solving skills to develop successful design solutions and quality outcomes. The course is intended to provide students with a sound background for senior NCEA Technology courses.

It is important to note that this course is a prerequisite if students are intending to take Materials Technology in Level 1.

Not recommended to take a combination of Multi Materials (10TEM), Fashion & Design Technology (10FDN) and/or Food Technology (10TEF)



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

MUSIC (10MUS)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$23 (Trip to orchestra/opera) estimated
Course Leads to:	Level 1 Music
Teacher in charge of subject:	Ms Treneman
HOLA in charge of subject:	Ms Treneman

The Year 10 Music course allows students' to develop their aural, performing, composition and music appreciation skills. The course is taught around a theme which runs throughout the year and provides a context for the learning and the assessments. Assessment tasks will involve a range of activities including composing music, using computer music notation and recording programs, and performing solo and as part of a small group. It is **essential** that students taking this course learn an instrument, either privately or through the itinerant music programme in school.



OUTDOOR EDUCATION (10OED)

COURSE INFORMATION

Fieldwork:	Tramping ,Rock climbing, Mountain biking, Archery, Crafting and Kayaking
Course Contributions:	Approx. \$400 based on 2024
Course Leads to:	Level 1 Outdoor Education, Level 1 Physical Education
Teacher in charge of subject:	Mr Dyer
HOLA in charge of subject:	Mr Saville

Outdoor Education provides students with opportunities to develop personal and social skills, to become active, safe and skilled in the outdoors, and to protect and care for the environment. Through outdoor pursuits, students develop particular skills and attitudes in a range of outdoor settings. It will include rock-climbing, orienteering, tramping, mountain biking and crafting. Students must be aware that some of the trips and assessments take place after school hours (exact dates will be given at the beginning of the course). Students undertaking this course are expected to catch up on any other missed school work.

Students will also work through class based activities and peer leadership to develop the soft skills required to excel in group of any context. They will explore how to effectively lead and teach a range of skills, such as bush craft and team building activities. This course is designed as an introduction to senior Outdoor Education content. During the year, students will get the opportunity to gain some Unit Standard credits at Level 1.

Year 10 Outdoor Education will be available in 2025 but has been capped at **TWO classes only**. Students who wish to take 10OED will need to make their selection in the web portal as well as make a written application to Mr Van Kralingen (Deputy Principal) by the **Option Selection** deadline. Students should date and sign the application and give a brief outline as to why they would like to take Outdoor Education. The final selection will be made in consultation with the HPE staff.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

PHYSICAL EDUCATION (10PED)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 Physical Education, Level 1 Outdoor Education
Teacher in charge of subject:	Mr Hough
HOLA in charge of subject:	Mr Saville

Year 10 Physical Education was set up to support students wanting to study Physical Education at NCEA to optimise their academic learning and achievement at Year 11 and beyond. Learning in 10PED is a more academic and performance-oriented PE course, compared to your learning in PEC (core PE).

The course will include learning about the principles and methods of training for enhancing fitness levels (SportFITT), athlete-centred nutrition concepts for enhancing training and performance (Sports Nutrition), strategies for enhancing skill performance such as technique, drills, and feedback (Skill Learning), as well as strategies for enhancing Kotahitanga (unity) to improve team performance in sport (Kotahitanga).

Year 10 Physical Education includes a combination of both practical and theory lessons. The amount of practical will vary according to the unit of learning.

Course pre-requisites: Students will have consistently gained Consolidating or above in their Year 9 Application in Physical Education grades.

