



YEAR 10 OPTION BOOK 2022

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 Language Support (10ELS)
24	Fashion and Design Technology (10FDN)	& Food Technology (10TEF)
25	French (10FRE)	& Investigative Geography (10IGO)
26	Japanese (10JAP)	& Māori (10MAO)
27	Media Studies (10MED)	& Multi Materials Technology (10TEM)
28	Music (10MUS)	& Outdoor Education (10OED)
29	Physical Education (10PED)	& Spanish (10SPH)

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 2022 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 4-5 of Term 3. Option selection must be completed online by Monday 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. Note: Due to course restrictions:

- Cannot take both 10DRT (Digital Art) and 10ART (Visual Art)
- Not recommended to take a combination of 10TEM, 10TET 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>
Deputy 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>J. Hood, L. Treneman, T. Clapperton, M. Jacks</i>

WHÄNAU HOUSE 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>S. Jackson</i>

STUDENT SERVICES

Guidance Counsellors	<i>S. Domigan (HOD Counselling), J. Lai (Counsellor) & R. Nikiel (Counsellor)</i>
Careers Advisor	<i>A. Brook</i>
Trade Academies/Vocational Pathways	<i>K. Stewart</i>
Gateway	<i>L. El-Yassir</i>

BDSC JUNIOR SCHOOL CURRICULUM

YEAR 9

Core Compulsory Subjects

- English
- Languages (2 terms each)
 - French
 - Japanese
 - Maori (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 | • Food Technology |
| • Art - Visual | • French |
| • Business Pathways | • Investigative Geography |
| • Dance | • Japanese |
| • Design and Visual Communication | • Media Studies |
| • Digital Technologies | • Māori |
| • Digital Art | • Multi Materials Technology |
| • Drama | • Music |
| • Electronics | • Outdoor Education |
| • English as an Additional Language | • Physical Education |
| • English Language Support | • Spanish |
| • Fashion and Design | |

Curriculum Enrichment

- Tutor Mentoring Curriculum

BDSC COURSE STRUCTURE 2022

Learning Areas	Year 9	Year 10	Level 1	Level 2	Level 3
English	<i>English (9ENG)</i> English Literacy Support (9ENA) English Language Support (9ELS)	<i>English (10ENG)</i> English Literacy Support (10ENA) Media Studies (10MED) English Language Support (10ELS)	<i>English (1ENG)</i> <i>English - Alternative (1ENA)</i> <i>English - Literacy (1ENL)</i> <i>English - Extension (1ENE)</i> Media Studies (1MED) English as an Additional Language (1ENS) English as an Additional Language (1ENP)	<i>English (2ENG)</i> <i>English - Alternative (2ENA)</i> <i>English - Extension (2ENE)</i> Media Studies (2MED) English as an Additional Language (2ENS) English as an Additional Language (2ENP)	English (3ENG) English Booster Course (3ENB - L3 US) English - Extension (3ENE) Media Studies (3MED) English as an Additional Language (23ENP - L2 AS)
Health & Physical Education	<i>Health & PE (9HED/9PEC)</i>	<i>Health & PE (10HED/10PEC)</i> Outdoor Education (10OED) Physical Education (10PED)	<i>Active Wellbeing (1AWB)</i> Health Education (1HED) Outdoor Education (1OED) Physical Education (1PED)	Early Childhood Education (2ECE) Health Education (2HED) Outdoor Education (2OED) Outdoor Education Alternative (2ODA) Physical Education (2PED) Sports Studies (2SPS)	Early Childhood Education (3ECE) Health Education (3HED) Outdoor Education (3OED) Physical Education (3PED) Sports Studies (3SPS)
Languages	<i>French (9FRE)</i> <i>Japanese (9JAP)</i> Maori (9MAO)	French (10FRE) Japanese (10JAP) Maori (10MAO) Spanish (10SPH)	French (1FRE) Japanese (1JAP) Maori (1MAO) Spanish (1SPH)	Chinese (2CHI) French (2FRE) Japanese (2JAP) Maori (2MAO) Spanish (2SPH)	Chinese (3CHI) French (3FRE) Japanese (3JAP) Maori (3MAO) Spanish (3SPH)
Mathematics	<i>Mathematics and Statistics (9MAT)</i> Mathematics Extension (9MAE)	<i>Mathematics and Stats (10MAT)</i> <i>Mathematics and Stats - Alt (10MNU)</i> Mathematics and Stats - Acc (1MAX) L1 standards for Y10 accelerated students	<i>Mathematics and Statistics - Alt (1MAA)</i> <i>Mathematics and Statistics (1MAT)</i> <i>Maths. and Stats. - Numeracy (1MNU)</i> Mathematics and Statistics - Ext (2MAX) for L1 accelerated students	Mathematics and Statistics - Alt (2MAA) Mathematics and Statistics (2MAT) Mathematics and Statistics - Ext (2MAE) Mathematics and Calculus - Acc (3MAX) for L2 accelerated students	Calculus (3MAC) Statistics and Probability (3SP) Statistics and Probability - Alt (3SPA) Mathematics (3MAT)
Science	<i>Science (9SCI)</i>	<i>Science (10SCI)</i> Science - Acc (1SCX) L1 standards for Y10 accelerated students Electronics (10ELE)	<i>Science - Core (1SCI)</i> Science - Supplementary Science (1SCS)	Biology (2BIO) Chemistry (2CHE) Physics (2PHY)	Biology (3BIO) Chemistry (3CHE) Physics (3PHY)
Social Sciences	<i>Social Studies (9SOS)</i>	<i>Social Studies (10SOS)</i> Ancient Civilisations (10ANC) Business Pathways (10BUP) Investigative Geography (10IGO)	Accounting (1ACC) Business Studies (1BUS) Economics (1ECO) Geography (1GEO) History (1HIS)	Accounting (2ACC) Business Studies (2BUS) Classical Studies (2CLS) Economics (2ECO) Financial Studies (2FIN) Geography (2GEO) History (2HIS) Psychology (2PSY) Travel and Tourism (2TSM)	Accounting (3ACC) Business Studies (3BUS) Classical Studies (3CLS) Economics (3ECO) Financial Studies (3FIN) Geography (3GEO) History (3HIS) Psychology (3PSY) Travel and Tourism (3TSM)
Technology	<i>Design and Visual Com. (9DVC)</i> <i>Food Technology (9TEF)</i> <i>Materials Technology (9MTY)</i> <i>Digital Technology (9DIT)</i>	Design and Visual Com. (10DVC) Digital Technology (10DIT) Fashion and Design Technology (10FDN) Food Technology (10TEF) Multi Materials Technology (10TEM)	Digital Technology (1DIT) Design and Visual Com. (1DVC) Fashion and Design Technology (1FDN) Food and Hospitality (1FAH) Food Technology (1TEF) Multi Materials Technology (1TEM) Trades Skills (1TSS)	Engineering Skills (2ESS) Building Skills (2BSS) Digital Technology - Programming (2DIP) Digital Technology (2DIT) Design and Visual Com. (2DVC) Fashion and Design Technology (2FDN) Food and Hospitality (2FAH) Food Technology (2TEF) Multi Materials Technology (2TEM)	Digital Technology - Programming (3DIP) Digital Technology (3DIT) Design and Visual Com. (3DVC) Fashion and Design Technology (3FDN) Food and Hospitality (3FAH) Food Technology (3TEF) Multi Materials Technology (3TEM)
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 (1DAN) Digital Art (1DRT) Drama (1DRA) Music (1MUS) Visual Art (1ART)	Dance (2DAN) Drama (2DRA) Music (2MUS) Visual Art (2ART) Art History (2ARH) Design (2DES) Photography (2PHO)	Dance (3DAN) Drama (3DRA) Making Music (Practical) (3MUP) Music Studies (3MUS) Visual Art (3ART) Art History (3ARH) Design (3DES) Photography (3PHO)
Vocational & General Courses			Work and Community Studies (1WCS)	Careers Pathways (2CAP) Work and Community Studies (2WCS)	Careers Pathways (3CAP)

Key:

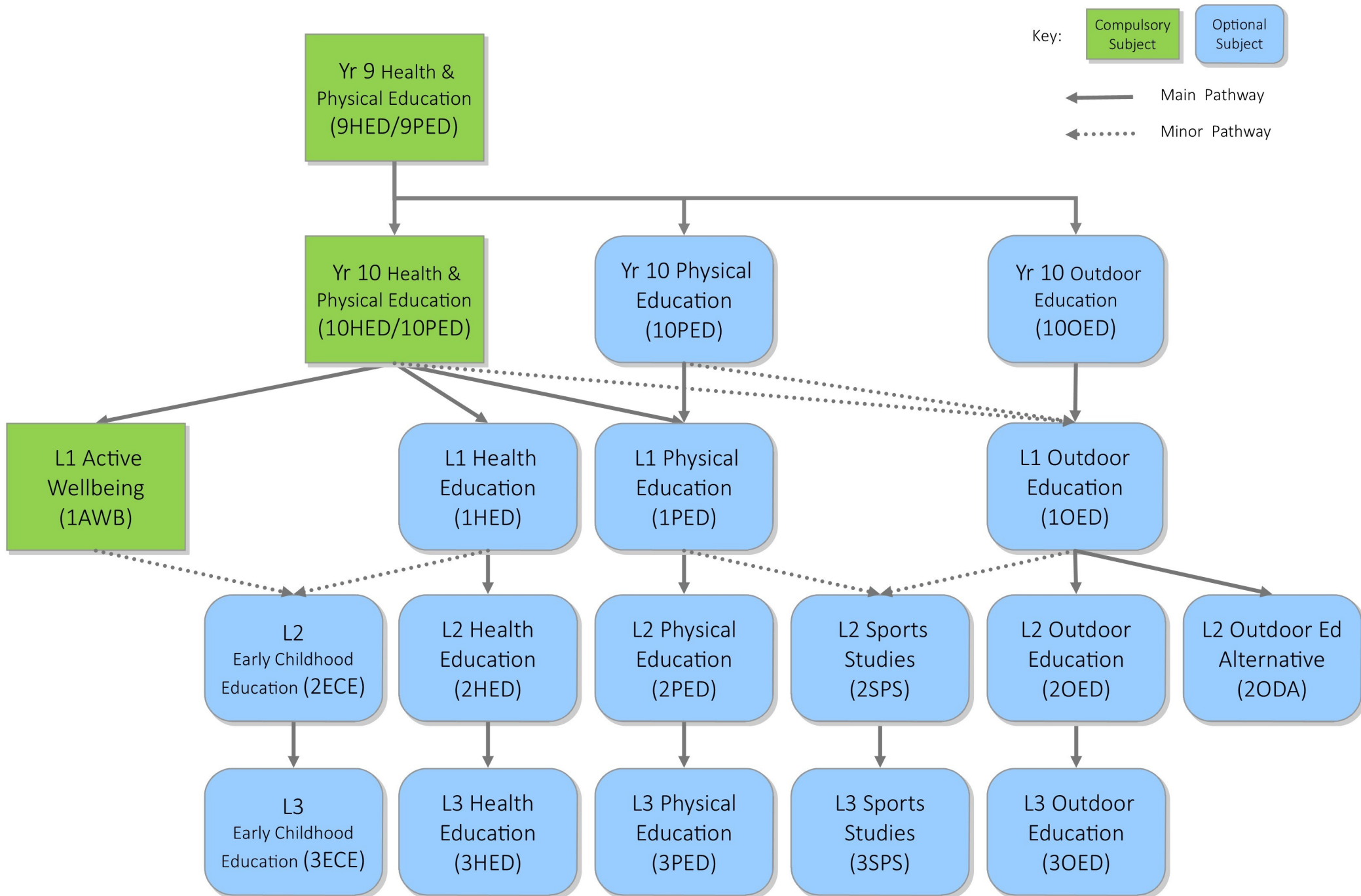
Compulsory Subject	Optional Subject
Compulsory English at Level 1 and 2. Students will be placed into appropriate course.	



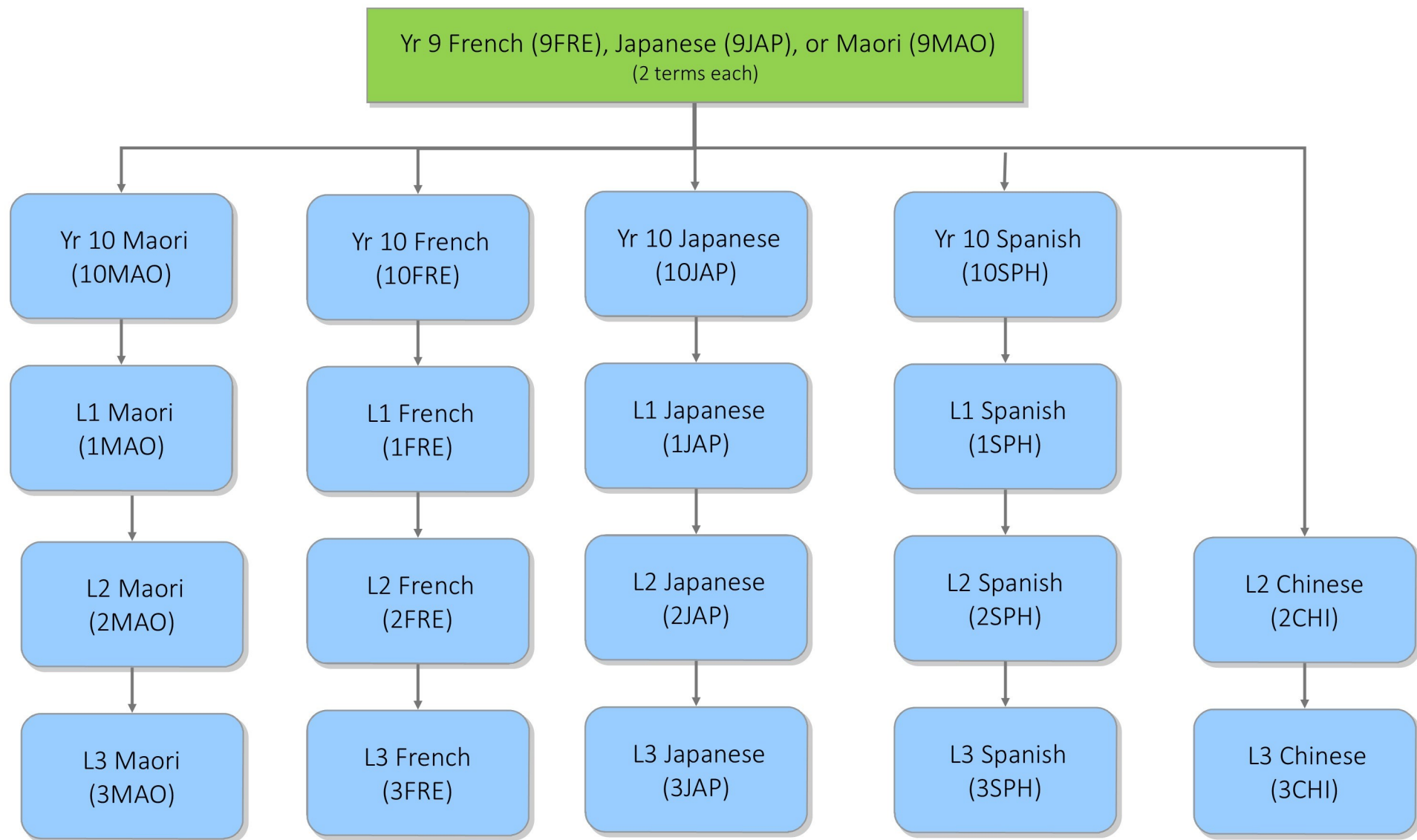
At Year 9 and 10 identified students may be removed from a Year 9 class or a Year 10 option line to attend ELS classes to support their language development.

At Year 11/12/13 identified students may be placed in ENS or ENP instead of ENG, dependant on the Head of EAL recommendation. Students may be swapped between ENS and ENP depending on the level of English.

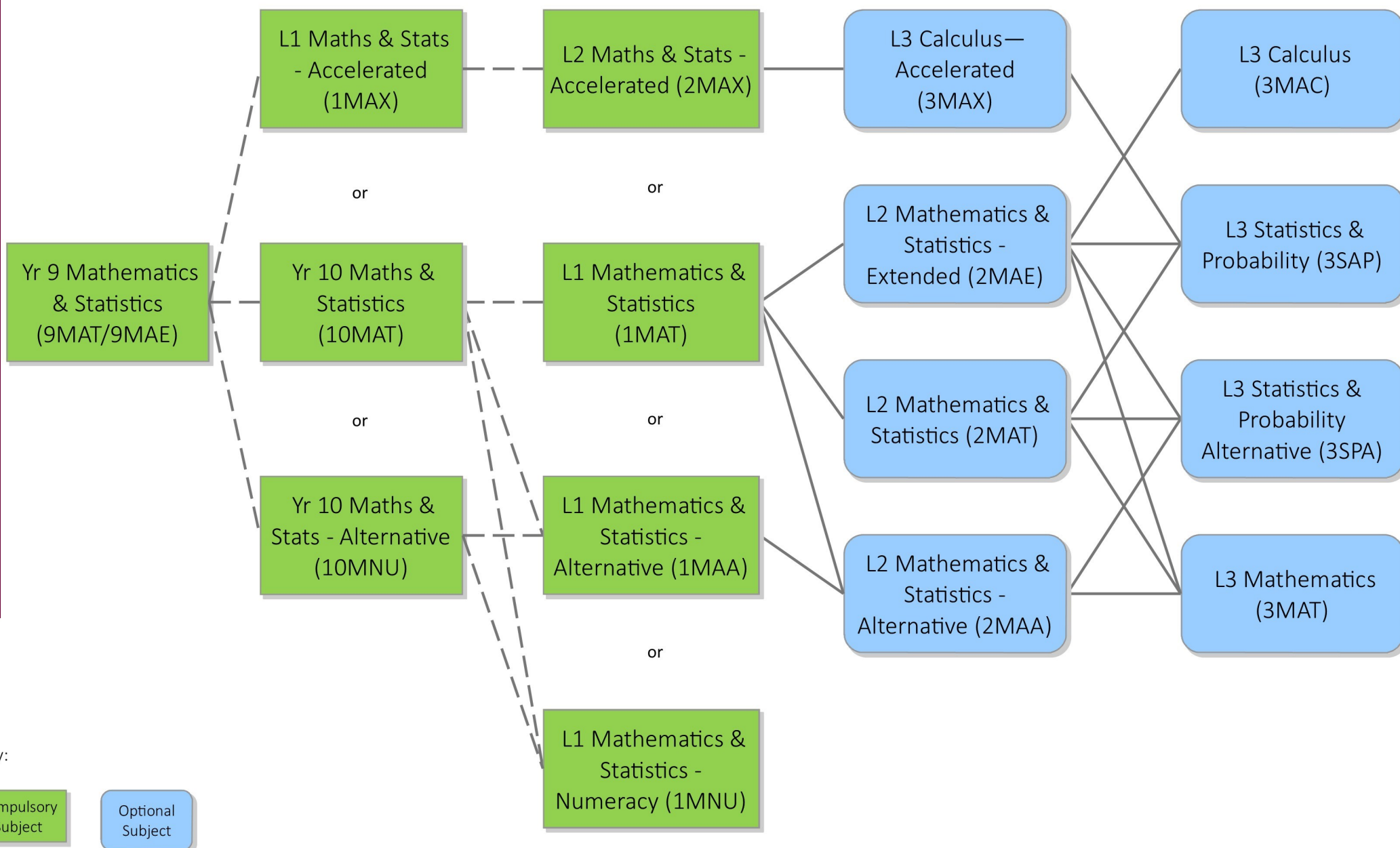
HEALTH & PHYSICAL EDUCATION FLOWCHART 2022



LANGUAGES FLOWCHART 2022



MATHEMATICS & STATISTICS FLOWCHART 2022



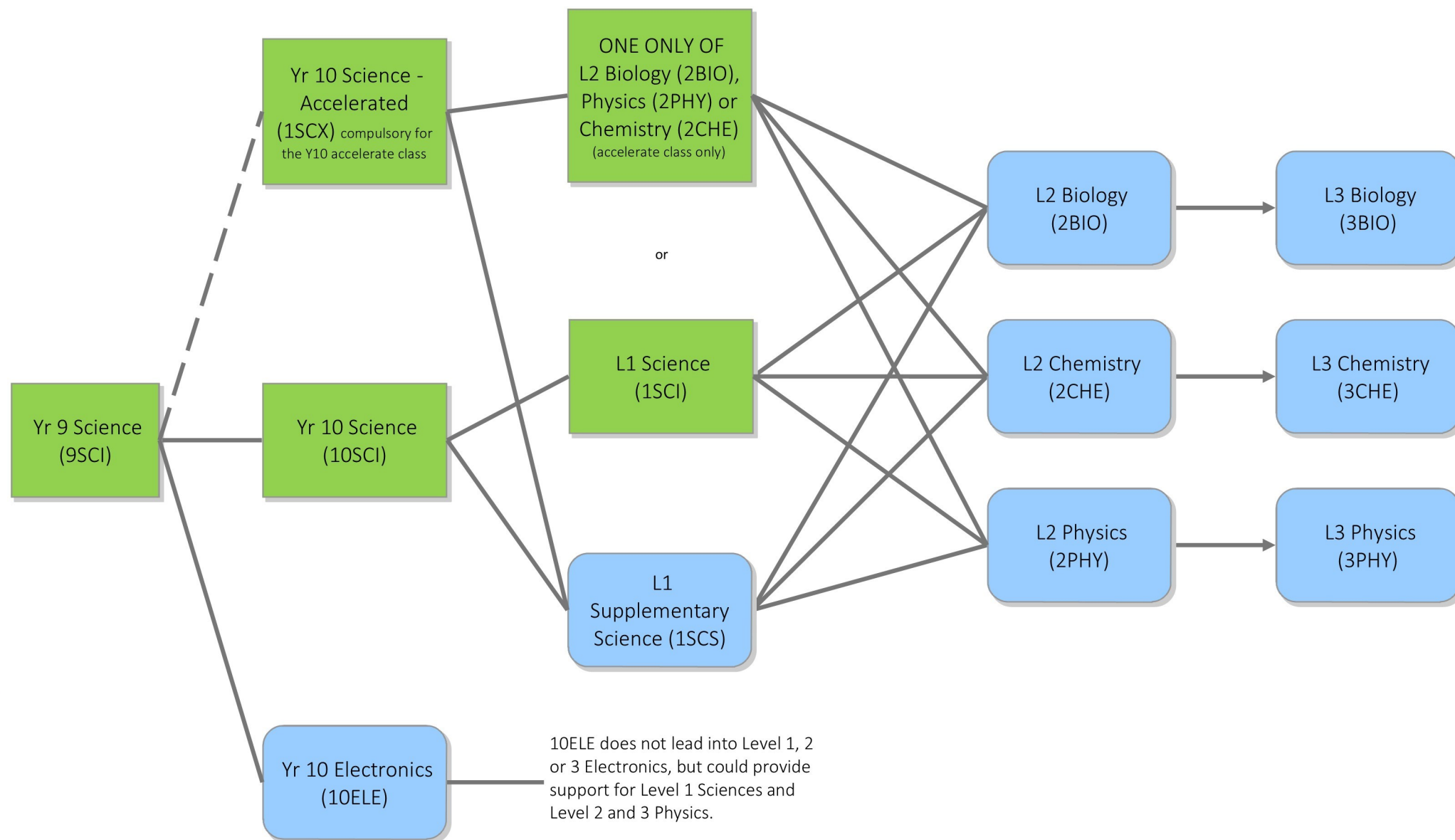
Key:

Compulsory Subject

Optional Subject

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

SCIENCE FLOWCHART 2022



Key:

Compulsory Subject

Optional Subject

———— Main Pathway

----- Other Pathway

- . - . - refer to a course which is selected for the students by Science staff

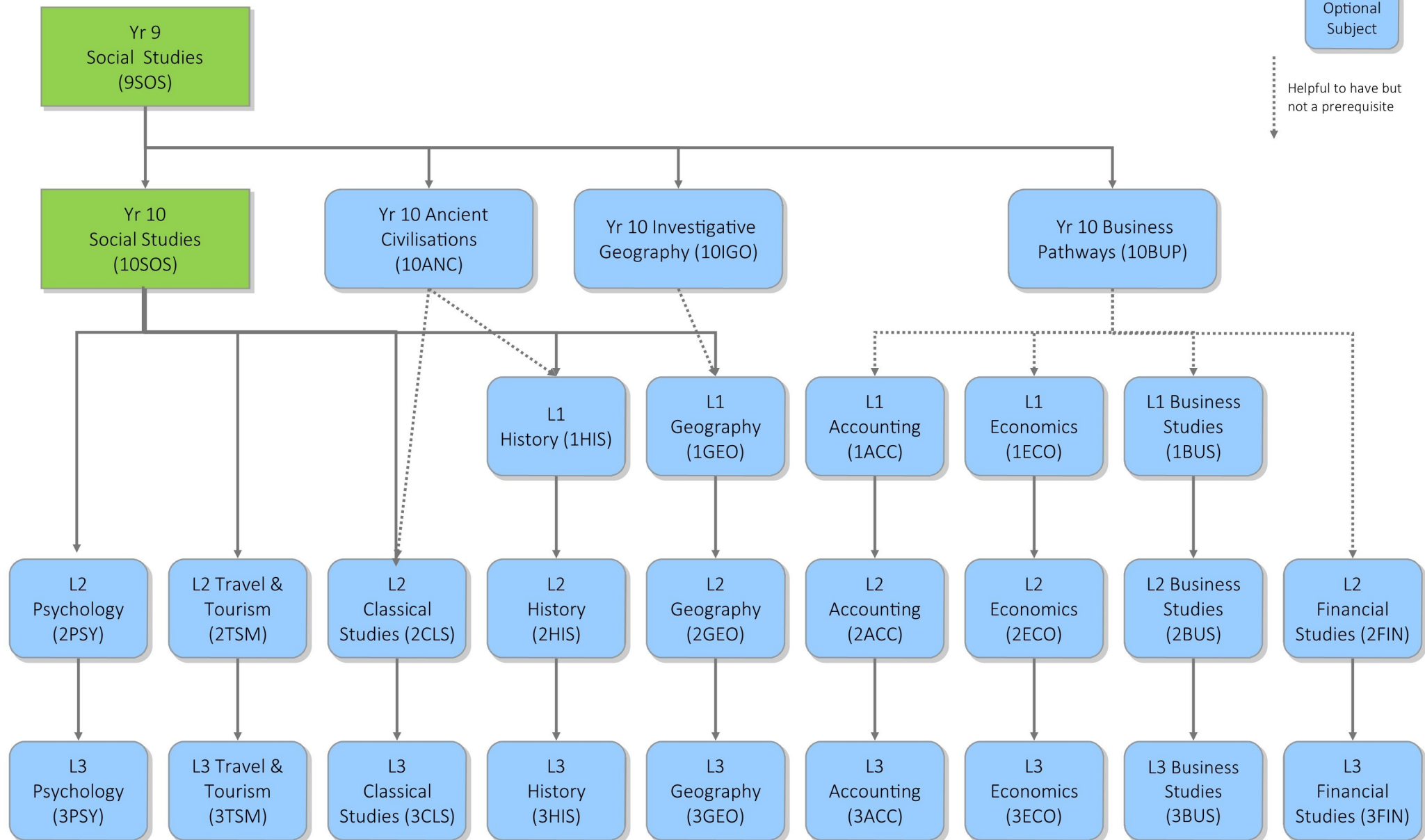
SOCIAL SCIENCES FLOWCHART 2022

Key:

Compulsory Subject

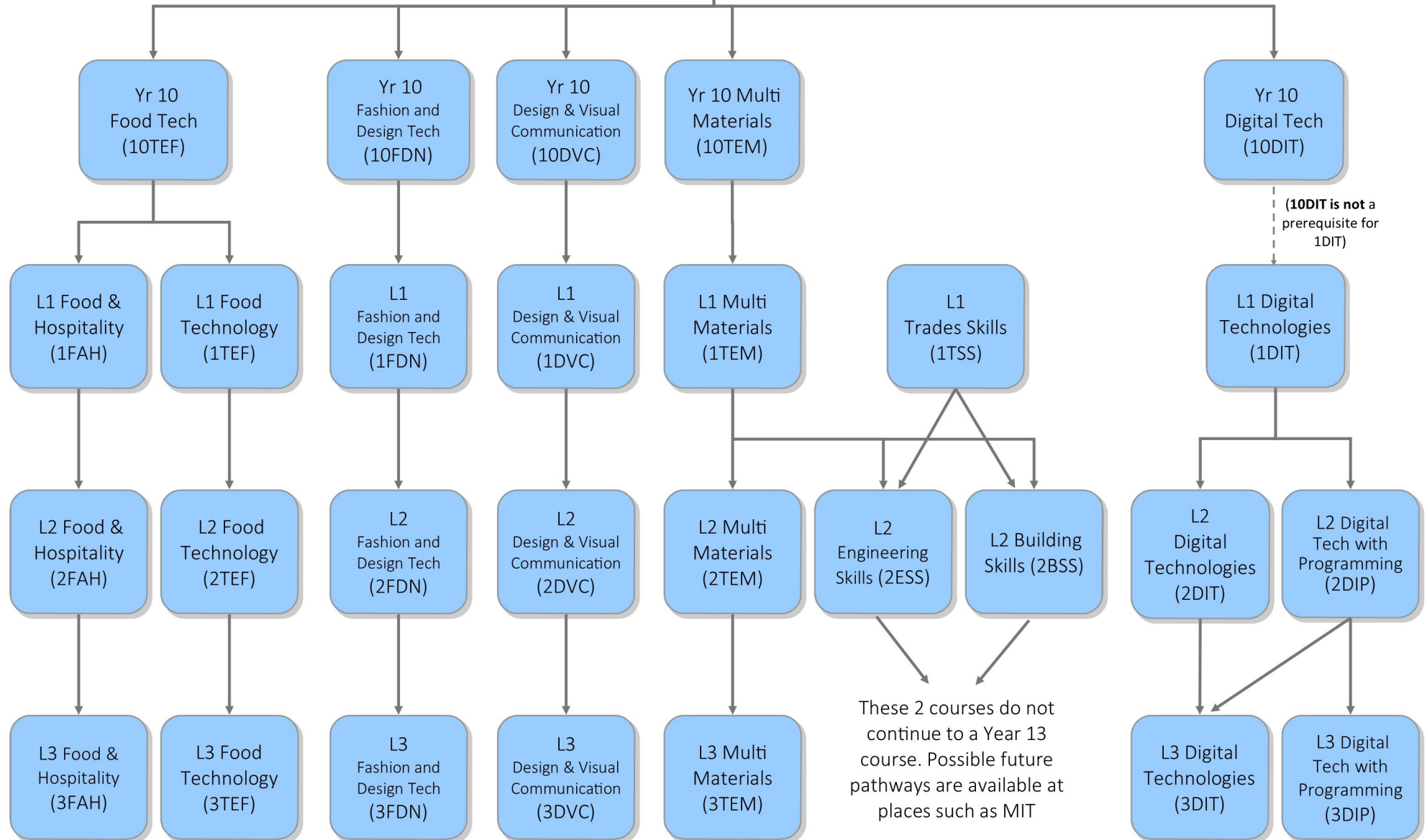
Optional Subject

Helpful to have but not a prerequisite



TECHNOLOGY FLOWCHART 2022

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



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YEAR 10 COMPLUSORY SUBJECTS

ENGLISH (10ENG)

COURSE INFORMATION

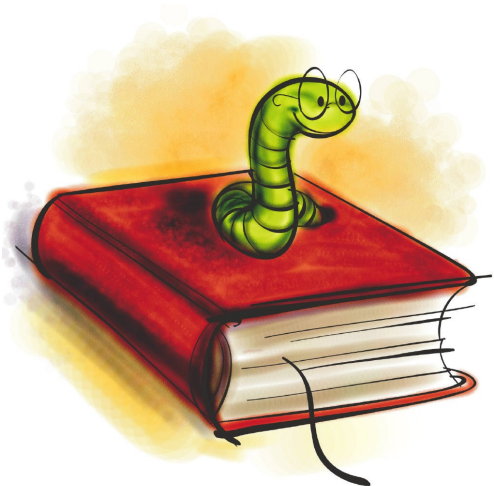
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 English (1ENG, 1ENE, 1ENA, 1ENL, 1ENS)
Teacher in charge of subject:	Miss Yu
HOLA in charge of subject:	Ms Pinnell

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 NCEA marking schedules. 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 experiment with a range of communication formats throughout the year. Junior students are encouraged to read widely outside of the classroom.

Students requiring extra literacy support will be invited to join the 10ENA option class. This will be decided in consultation with the HOLA, SENCO, 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:	Mrs Leidh
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:	Education Perfect Online Subscription \$20 purchased at the Finance Centre (highly recommended)
Course Leads to:	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 have a chance to do one Internal NCEA Level 1 achievement 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)

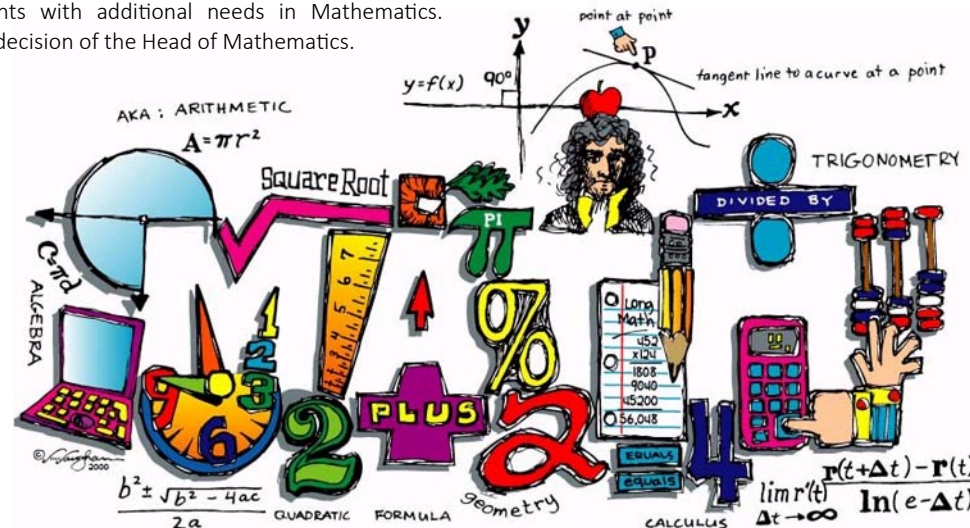
COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	Workbook-Nulake EAS series approximately \$35, (highly recommended) FX9750GII Casio Graphic calculator is compulsory -approximately \$120
Course Leads to:	NCEA Level 2 Mathematics Accelerated (2MAX)
Teacher in charge of subject:	Ms Speed
HOLA in charge of subject:	Ms Bennet

This 1MAX course is a NCEA level 1 Mathematics course. Students are selected into this programme based on their Year 9 Mathematics results. This course provides students an opportunity to gain 23 NCEA Level 1 Mathematics and Statistics credits.

The standards covered in this course are:

- AS91038: Investigate a situation involving elements of chance (3 credits)
- AS91035: Investigate a given multivariate data set using the statistical enquiry (4 credits)
- AS91027: Apply algebraic procedures in solving problems (4 credits)
- AS91028: Investigate relationship between tables, equations or graphs (4 credits)
- AS91031: Apply geometric reasoning in solving problems (4 credits)
- AS91037: Demonstrate understanding of chance and data (4 credits)



YEAR 10 COMPLUSORY SUBJECTS

SCIENCE (10SCI)

COURSE INFORMATION

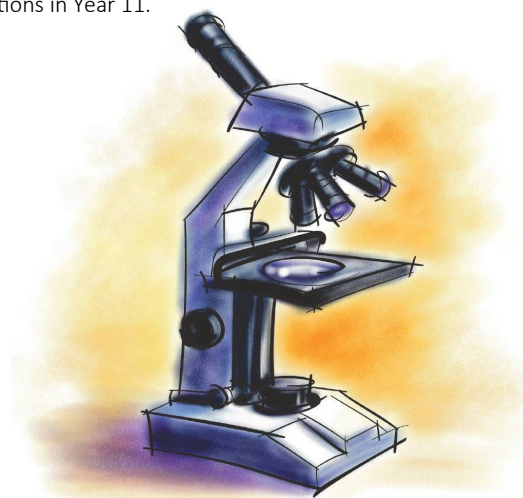
Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 Science
Teacher in charge of subject:	Mr Wang
HOLA in charge of subject:	Mr Kumar

Science aims to develop understanding of the world around us. Science uses critical thinking and other important skills that are important to all citizens, not just our future scientists and technologists. We live in a complex world. Understanding how technology is developed and how science and technology affects our lives is very important. Topics studied: Diversity, Forces and Motion, Chemical reactivity, Electricity, Investigation skills.

Year 10 knowledge expands on what is learned in Year 9, and develops complete skills to cope with Year 11.

This course leads to compulsory Science course: Year 11 Science. For Year 9 students to perform well in this course it is recommended that they maintain their Progress GPA and school exam GPA at 60% or above. Students who meet the pre-requisites can also choose to do the Year 11 Science Supplementary course (which is a further four hours of Science on top of the compulsory four hours).

Achievement in Year 10 determines course options in Year 11.



SCIENCE - ACCELERATED (1SCX)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	NCEA Level 2: Biology, Chemistry and Physics
Teacher in charge of subject:	Mr Kumar
HOLA in charge of subject:	Mr Kumar

The Year 10 accelerate class will be given the opportunity to do a Level 1 Science course while they are in Year 10. This group of students are our more able students and the idea is to accelerate them as this will help keep them engaged and motivated in this subject.

All students will have the opportunity to do this course again in Year 11 if they so wish. If a student is successful in achieving the Level 1 Science course in Year 10, they will be required to do the Level 1 Supplementary Science course or one Level 2 Science subject (Biology, Chemistry, Physics) of their choice in Year 11. Alternatively they may choose to select both of these courses.

All students will however be capped at one accelerated Science in Level 2. This means they will have to do at least one science course at Level 1 or Level 2 when they are in Year 11 next year. The intention is that these students will either diversify the range of subjects they are taking at Year 13 or focus on a Scholarship programme. Students are reminded that there will be no additional study periods at Year 13 and that they will be doing 5 subjects regardless of what was achieved in Year 12.

The Level 1 Science course 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 good 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.

Internal Assessments include:

Physics 1.1 Carry out a practical investigation, with direction, that leads to a linear mathematical relationship (4 credits)

Biology 1.2 Report on a biological issue (3 credits)

External Assessments include:

Science 1.1 Demonstrate understanding of aspects of mechanics (4 credits)

Science 1.5 Demonstrate an understanding of chemical ideas relating to acids and bases (4 credits)

Science 1.9 Demonstrate understanding of genetic variation (4 credits)

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:

- Globe Trotter
- Human Rights
- Fair Trade
- Future Focus
- 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 to generate a grade for reporting purposes.



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
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, and technology.



ART (10ART)

COURSE INFORMATION

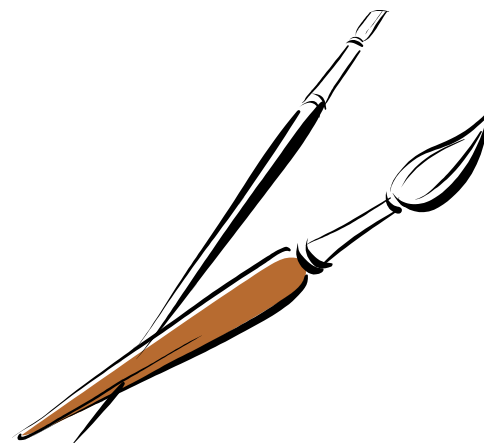
Fieldwork:	N/A
Course Contributions:	\$40
Course Leads to:	Level 1 Art or Level 1 Digital Art (with HOD approval)
Teacher in charge of subject:	Miss Clapperton
HOLA in charge of subject:	Miss Clapperton

The Year 10 Visual Art course will allow the students to experience and experiment with a variety of media, techniques and tools for particular art-making purposes. The students will generate, develop and refine visual ideas in a body of work in response to different motivations. Students will have the opportunity to identify and analyse the processes, procedures, and art-making traditions of other artists and to relate their findings to their own and their peer's artworks. Each student completes a painted Ukulele/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.

It is important to note that this course is a prerequisite if students are intending to take Visual Art in Year 11. So you must take Year 10 Art if you wish to take Year 11 Art the following year.

Note: Year 11 Visual Art is a prerequisite for Year 12 Visual Art (Year 12 Photography and Year 12 Design with HOLA approval). If you wish to take any of these Year 12 courses, you will need to take Year 10 Visual Art.

Note: you can not take both 10ART and 10DIGITAL ART as options



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

BUSINESS PATHWAYS (10BUP)

COURSE INFORMATION

Fieldwork:	MIT (Dragons Den)
Course Contributions:	\$10 for trip
Course Leads to:	Level 1 Accounting, Economics, Business
Teacher in charge of subject:	Mr Sharma
HOLA in charge of subject:	Miss Douglas

This course provides the pathways for Level 1 NCEA Accounting, Business Enterprise, Economics, Finance 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 Law. 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 Dragons Den competition and be part of Money week.



DANCE (10DAN)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$30 (Annual dance show, workshops, theatre trips, costumes)
Course Leads to:	Level 1 Dance
Teacher in charge of subject:	Mrs Jacks
HOLA in charge of subject:	Mrs Jacks

This programme is designed to give students an understanding of dance, and is in preparation for Level 1 NCEA. Students will learn a variety of dance techniques and choreographic skills. As well as attending regular 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, Latin American, ballroom 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 performance. This production is a night of live assessment of all performance based assessments.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

DESIGN & VISUAL COMMUNICATION (10DVC) DIGITAL TECHNOLOGY (10DIT)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$10
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 NCEA 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.



COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 DIT
Teacher in charge of subject:	Mr Patchigalla
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 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.

Students can use a laptop for this course but will need it to be high functioning. Students also are required to have purchased a copy of Adobe Photoshop CC for their laptop and/or home computer. A year Adobe licence can be purchased through the school for approx. \$10. Information regarding this will be given to students at the beginning of the course.

Note: you can not take both 10ART and 10DIGITAL ART as options



DRAMA & THEATRE STUDIES (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:	Ms Hood
HOLA in charge of subject:	Ms Hood

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 the NCEA level 1 Drama.

Taking Drama and Theatre Studies 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 opportunities to be empathetic to others.

You will perform scripted and devised work. You will explore practically a range of Theatrical styles and texts including Melodrama, Mask, Shakespeare, Puppetry and Physical Theatre. You will work as designers and creators, learning how to present your designs to a director. You will be introduced to lighting and set design. 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 the 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:	\$50.00 Project Materials (estimated)
Course Leads to:	L2 and 3 Physics and Technology courses.
Teacher in charge of subject:	Mr Jeet
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, Robotics Challenge and Brightsparks.

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 could provide support for Level 1 Sciences and Level 2 and 3 Physics.



ENGLISH LANGUAGE SUPPORT (10ELS)

COURSE INFORMATION

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

Students with English is an additional language will be offered support in their acquisition of English through 10ELS1 (proficient in English) or 10ELS2 (Foundation English). These classes provides students with English Language teaching based on the different text types according to their level of proficiency.

Students will be regularly monitored for their progress in speaking, listening, reading and writing. Students will be timetabled into this class according to their level of proficiency in English.



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

FASHION AND DESIGN TECHNOLOGY (10FDN)

COURSE INFORMATION

Fieldwork:	Students might have the opportunity to visit fabric retailers.
Course Contributions:	\$40
Course Leads to:	Level 1 Fashion and Design Technology
Teacher in charge of subject:	Mrs McCrystal
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 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 only basic materials for trials and sampling. Students will need to purchase fabric for some of the projects and a commercial pattern for one project. An email will be sent home at the start of the school year with more detail.

Not recommended to take a combination of 10TEM, 10FDN and/or 10TEF



FOOD TECHNOLOGY (10TEF)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$80
Course Leads to:	Level 1 TEF/FAH
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 students will be requested to bring some foods for practical lessons, when their ingredient choices are outside the food department's pantry basics list. The contribution for basic ingredient supplies is \$80 - [\$20 per term]

Not recommended to take a combination of 10TEM, 10TET and/or 10TEF



YEAR 10 OPTIONAL SUBJECTS (choose 3 options)

FRENCH (10FRE)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	Highly recommended: Workbook \$10
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:	These field trips could be affected by the ongoing economic consequences of Covid-19. A one day trip into Auckland City, local field work and a two day field trip to Waitomo.
Course Contributions:	\$20.00 for transport for the Auckland field trip (estimated) and \$110.00 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 like to live in them? We will also look at factors affecting the liveability of Auckland.

The geography of disease is investigated. What factors assist the spread of diseases both 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 will be 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 may be offered depending on the Covid-19 situation.

This introductory 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 emphasis. 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)

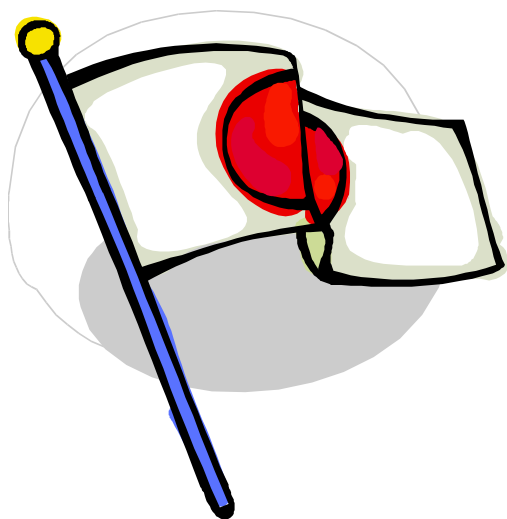
JAPANESE (10JAP)

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. ordering food, daily routine, travel, and hobbies). Students will become familiarised with NCEA style assessments and will be given the opportunity to use their language skills with native-speakers. 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.



MĀORI (10MAO)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	N/A
Course Leads to:	Level 1 Te Reo Maori
Teacher in charge of subject:	Ms Lodge
HOLA in charge of subject:	Ms Lodge

This course encourages students to develop a deeper understanding of the world around them. Students will discuss whānau relationships in te Reo Māori. They will also communicate about their belongings as well as their likes and dislikes. Students would also be expected to communicate in te Reo Māori about day to day life including themes such as time, weather and seasons. They should also develop the skills to communicate about physical characteristics and feelings. This course provides a platform for future studies at NCEA level. Provisioning of this course will be reliant on the availability of teachers and the number of students who select this course. The usual mode of delivery for this course is through Te Kura (The New Zealand Correspondence School) with the support of a Māori language specialist within the school where this is possible.



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

Media Studies is an excellent pathway for students who may want to experience communication, social media, film production technologies, and is crucial in developing critical thinking skills. It is the start of a 4-year programme of Media Studies at BDSC and is a valuable subject for many tertiary pathways.

Year 10 Media Studies introduces concepts used in later levels of Media Studies and leads to the senior NCEA Media Studies courses, in which students build on the skills and concepts. Students begin examining the role media plays in their lives and the importance it has for society. It is a suitable subject for a broad range of learners.

During the year, students will cover close reading skills, the study of a film genre, research, how satire is used in animation, and in media production. Students will get practical experience in using several different media technologies which include camera, sound and editing software. In Term 4, they showcase their skills by working in small groups and producing and editing a short film which could be in any genre (this could include narrative films, music videos, documentaries, etc).



MULTI MATERIALS TECHNOLOGY (10TEM)

COURSE INFORMATION

Fieldwork:	N/A
Course Contributions:	\$50
Course Leads to:	Level 1 TEM
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 10TEM, 10FDN and/or 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 will cover units which allow students' to develop their aural, performing, composition and music appreciation skills. The unit topics are selected from: Musicals and Popular Music, A Night at the Movies, Twentieth Century Composers, History of Music, Reggae and Blues. Assessment tasks will involve a range of activities including composing music, using computer music writing 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 , Sailing, Rock climbing, Mountain biking, Archery, Crafting and Craft Teaching
Course Contributions:	Approx. \$350
Course Leads to:	1OED and 1PED
Teacher in charge of subject:	Mr Morrison
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 will also complete a sailing module and undertake the NZ Coastguard Day Skipper Certificate. 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 Harakeke 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 and 2.



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
Teacher in charge of subject:	Miss West
HOLA in charge of subject:	Mr Saville

Year 10 Physical Education has been designed to give a greater foundation of knowledge for students who are wishing go onto study NCEA Level 1-3 Physical Education. Please be aware the course contains a combination of both practical and theoretical work with the emphasis on applying the theoretical concepts in the practical context. Physical Education leads to an understanding of how the body works, how it responds to exercise, how it adapts and personal, social and environmental responsibilities. The context of the theory is applied in a number of varying practical situations. Course content includes: Science in Sport – (Anatomy, Biomechanics, Exercise Physiology, Nutrition, Performance Improvement); Social influences on Physical Activity; Sport Fit – (Methods of training, Principles of Training and Components of Training). Course Prerequisites: Open entry, but should have shown a high level of participation and effort in Year 9 HPE.



SPANISH (10SPH)

COURSE INFORMATION

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

This course is aimed at developing basic writing, listening, reading and speaking skills in Spanish. It also aims to develop awareness of Spanish culture, the role of Spanish in the world and the culture of Latin American countries who have Spanish as their main language. Students will become familiar with NCEA style assessments and will be given the opportunity to use their language skills with native speakers. 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 Spanish at Level 1.

