

Year 10

Option Book

2011 for 2012



BOTANY DOWNS
Secondary College

Name:

Whanau Class:

Contents

3	Information for Parents and Students
4	School Contacts
5	BDSC Junior School Curriculum
6	BDSC Subject Structure
7	BDSC subject flow diagram—ENGLISH
8	BDSC subject flow diagram—HEALTH AND PHYSICAL EDUCATION
9	BDSC subject flow diagram—LANGUAGES
10	BDSC subject flow diagram—MATHEMATICS AND STATISTICS
11	BDSC subject flow diagram—SCIENCE
12	BDSC subject flow diagram—SOCIAL SCIENCES
13	BDSC subject flow diagram—TECHNOLOGY
14	BDSC subject flow diagram—VISUAL AND PERFORMING ARTS

Year 10 Compulsory Subjects

15	English	15	Mathematics and Statistics
16	Science	16	Social Studies
17	Health & Physical Ed		

Year 10 Optional Subjects

18	Ancient Civilisations	Art
19	Business Studies	Dance
20	Design and Visual Communication	Drama
21	Electronics	ESOL
22	Food Technology	French
23	Investigative Geography	Japanese
24	Media Studies	Multi Materials Technology
25	Music	Outdoor Leadership
26	Physical Education	Spanish
27	Textiles Technology	

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**
 - Learning to Learn**
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 preamble in the senior option booklets and scan the prerequisites for the senior subjects they may wish to study in the future. The Year 11, 12 and 13 option booklets can be accessed on the BDSC Learning Management System or the BDSC website. It is important to note that 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.
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. Similarly 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. Students who wish to take Maori should indicate this on the option form. They must also indicate which of the three selected options they are prepared to withdraw from to accommodate this possibility.
7. If students require guidance they should seek this as soon as possible from the following people:

Careers Advisor	Director of Academic Studies
Subject teacher	Whanau Tutor / Mentor
8. **Students must make their option choices during Week 4 of Term 3. Completed option selection forms must be handed in by the end of Whānau class administration time on Monday 29th August.** Late return of option selection sheets **may** mean that students will not receive their first choice of options.
9. All course cost amounts are estimated and cover the material costs of resources required for the subject.

C. Van Kralingen
Director of Academic Studies

School Contacts



Botany Downs Secondary College
575 Chapel Road, Howick
Auckland 1706

Phone (09) 273-2310

Fax (09) 273-8551

Email admin@bdsc.school.nz

Web Site www.bdsc.school.nz

Senior Leadership Team

Principal	<i>M. Leach</i>
Associate Principal	<i>K. Brinsden</i>
Deputy Principal	<i>R. Govind</i>
Deputy Principal	<i>M. Hart</i>

Heads of Learning Areas

Director, Academic Studies	<i>C. Van Kralingen</i>
English	<i>J. Sturgess</i>
Health and Physical Education	<i>S. Joyce</i>
Languages	<i>M. Lodge</i>
Mathematics and Statistics	<i>I. Bennet</i>
Science	<i>C. Clay</i>
Social Sciences	<i>M. Andrew</i>
Technology	<i>D. Achary</i>
Visual and Performing Arts	<i>J. Luton (Acting)</i>
ICT	<i>E. Douglas</i>

Whānau House Leaders

Blake Whānau	<i>A. Taylor</i>
Britten Whānau	<i>D. McGregor</i>
Discovery Whānau	<i>A. Cox</i>
Endeavour Whānau	<i>K. Adams</i>
Koru Whānau	<i>J. Clark</i>
Spirit Whānau	<i>D. Henshaw</i>

Student Services

Guidance Counsellor	<i>B. Divehall</i>
Careers Advisor	<i>A. Anderson</i>

YEAR 9

Core Compulsory Subjects

- English
- Languages (2 terms each)
 - French
 - Japanese
 - or ESOL (4 terms)
- Mathematics and Statistics
- Physical Education and Health
- Science
- Social Sciences
- Technology (1 term each)
 - Food
 - Fabric
 - Materials
 - Graphics
- Visual and Performing Arts (1 term each)
 - Art
 - Dance
 - Drama
 - Music

Curriculum Enrichment

- Building Learning Power Curriculum

YEAR 10

Core Compulsory Subjects

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

Optional Subjects (*Students to select three options*)

FULL YEAR COURSES

- | | |
|-----------------------------------|------------------------------|
| • Ancient Civilisations | • Investigative Geography |
| • Art - Practical | • Japanese |
| • Business Studies | • Media Studies |
| • Dance | • Multi Materials Technology |
| • Design and Visual Communication | • Music |
| • Drama | • Outdoor Education |
| • Electronics | • Physical Education |
| • ESOL | • Spanish |
| • Food Technology | • Textiles Technology |
| • French | |

Curriculum Enrichment

- Building Learning Power Curriculum

BDSC Subject Structure

Learning Areas	Year 9	Year 10	Year 11	Year 12	Year 13
English	English (ENG) English ESOL (ESL)	English (ENG) English ESOL (ESL) Media Studies (MED)	English (ENG) English – Foundation (ENL) Pre Year 11 English (ENP) (designed for ESOL students) English for ESOL (ENS) ESOL English (ESL) Media Studies (MED)	Abridged English C Band (ENC) Level 2 English for ESOL (ENS) Level 2 English A band (ENA) Level 2 English B band (ENB) Media Studies (MED)	Level 3 English U band (ENU) Level 3 English R band (ENR) Level 3 English M band (ENM) Level 2 English - Yr 13 (ENC) Level 2 English for ESOL (ENS) Media Studies (MED)
Languages	French (FRE) Japanese (JAP)	French (FRE) Japanese (JAP) Spanish (SPA)	French (FRE) Japanese (JAP)	French (FRE) Japanese (JAP)	French (FRE) Japanese (JAP)
Mathematics	Mathematics (MAT)	Mathematics and Statistics (MAT)	Mathematics (MAT) Mathematics - Extension (MAE) Maths - Alternative (MAA)	Mathematics (MAT) Mathematics – Alternative (MAA) Mathematics – Extension (MAE) Mathematics – Foundation (MAF)	Maths with Calculus (MAC) Maths with Calculus - alt. (MCA) Statistics and Modelling (MAS) Statistics and Modelling - alt. (MSA)
Science	Science (SQ)	Science (SQ) Electronics (ELE)	Science (SQ) Science - Double option (SCS) Science - Foundation (SCF) Electronics (ELE)	Biology (BIO) Chemistry (CHE) Electronics (ELE) Physics (PHY) Earth and Space Science (SQ)	Biology (BIO) Chemistry (CHE) Electronics (ELE) Physics (PHY) Science (SQ)
Social Sciences	Social Studies (SOS)	Social Studies (SOS) Ancient Civilisations (ANC) Business Studies (BUS) Investigative Geography (IGO)	Accounting (ACC) Business Studies (BUS) Economics (ECO) Geography (GEO) History (HIS)	Accounting (ACC) Business Studies (BUS) Classical Studies (CLS) Economics (ECO) Employment Skills (EMP) Financial Studies (FIN) Geography (GEO) History (HIS) Travel and Tourism (TSM)	Accounting (ACC) Business Studies (BUS) Classical Studies (CLS) Economics (ECO) Financial Studies (FIN) Geography (GEO) History (HIS) Travel and Tourism (TSM)
Technology	Food Technology (TEF) Design and Visual Communication (DVC) Multi Materials Technology (TEM) Textiles Technology (TET)	Food Technology (TEF) Design and Visual Communication (DVC) Multi Materials Technology (TEM) Textiles Technology (TET)	Digital Technologies (DIT) Fashion and Design Technology (FAD) Food and Hospitality (FAH) Food Technology (TEF) Design and Visual Communication (DVC) Multi Materials Technology (TEM)	Automotive Engineering (ATM) Digital Technologies (DIT) Early Childhood Education (ECE) Fashion Design Technology (FAD) Food and Hospitality (FAH) Food Technology (TEF) Design and Visual Communication (DVC) Multi Materials Technology (TEM)	Digital Technologies (DIT) Early Childhood Education (ECE) Fashion Design Technology (FAD) Food and Hospitality (FAH) Food Technology (TEF) Design and Visual Communication (DVC) Multi Materials Technology (TEM)
The Arts	Art Practical (ART) Dance (DAN) Drama (DRA) Music (MUS)	Art Practical (ART) Dance (DAN) Drama (DRA) Music (MUS)	Art Practical (ART) Art History (ARH) Dance (DAN) Drama (DRA) Music (MUS)	Art History (ARH) Dance (DAN) Design (DES) Drama (DRA) Music (MUS) Photography (PHO) Visual Art (ART)	Art History (ARH) Dance (DAN) Design (DES) Drama (DRA) Music Studies (MUS) Practical Music (MUP) Photography (PHO) Visual Art (ART)
Health & Physical Education	Core Health & PE (HPE)	Core Health & PE (HPE) PE – option (PED) Outdoor Leadership (ODL)	Core Health & PE (HPE) Physical Education (PED) Health Education (HED)	Health Education (HED) Outdoor Education (OED) Physical Education (PED) Sports Leadership (SPL)	Health Education (HED) Outdoor Education (OED) Physical Education (PED) Sports Leadership (SPL)

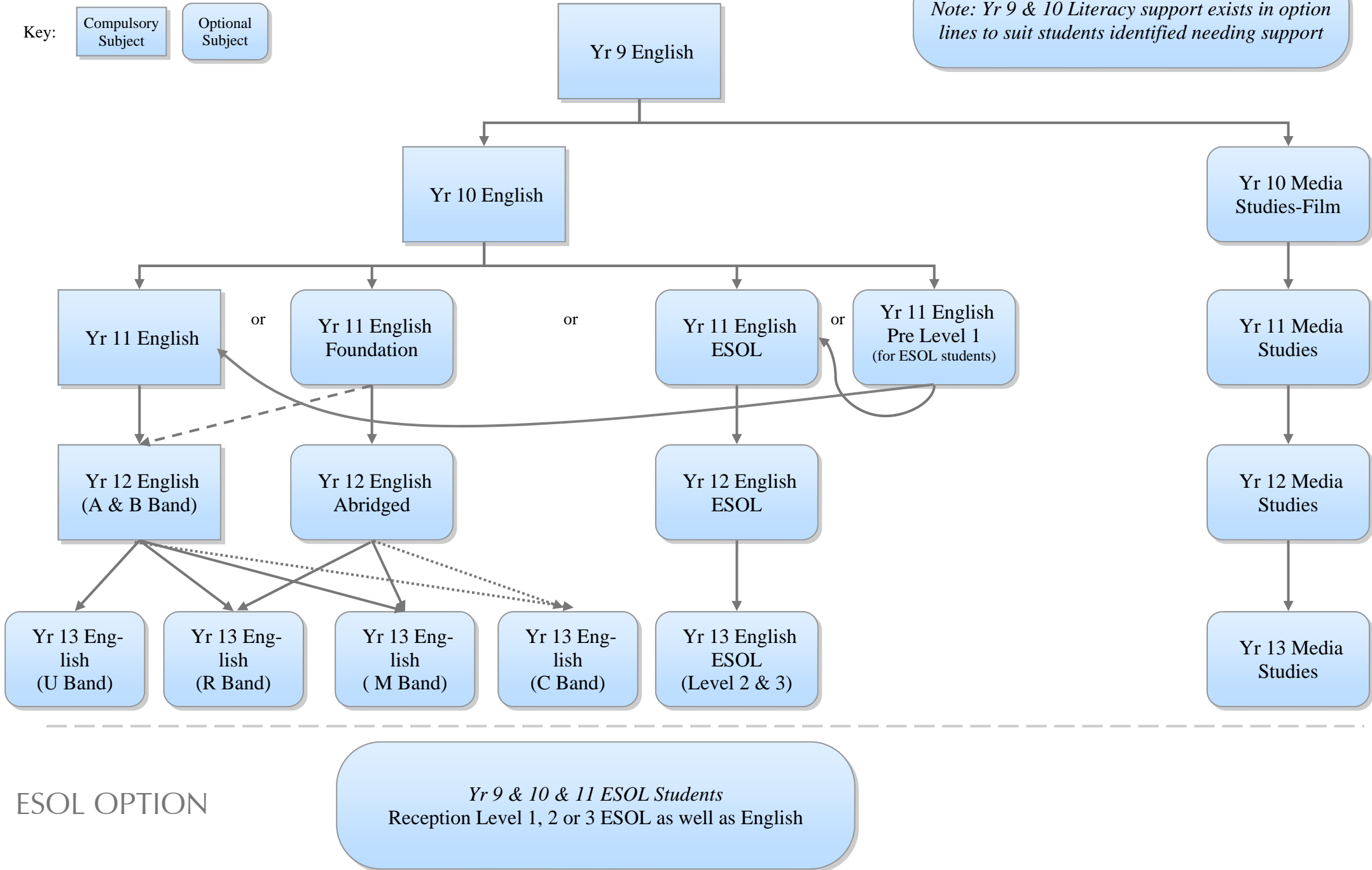
BDSC subject flow diagram—ENGLISH

Key:

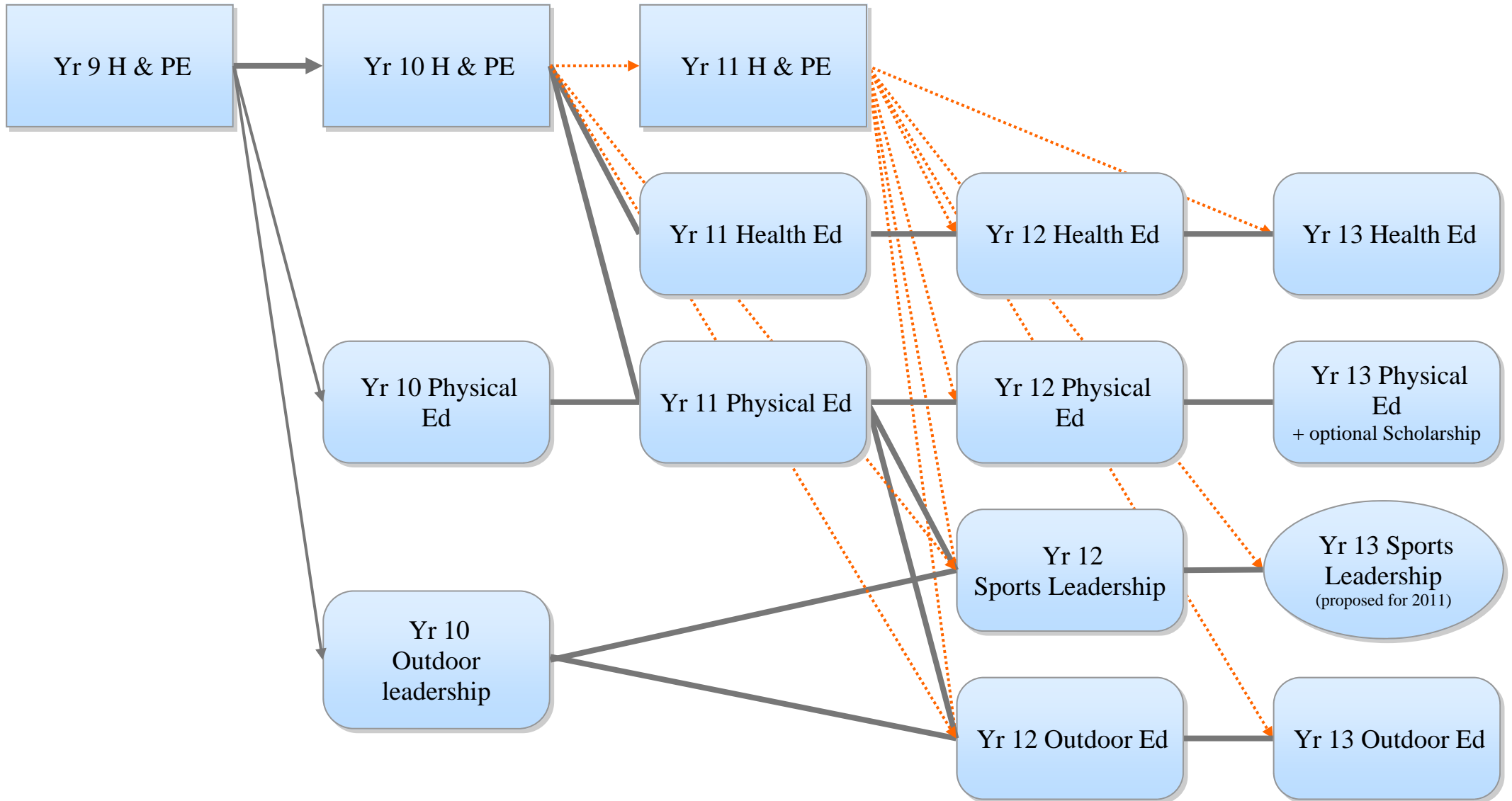
Compulsory Subject

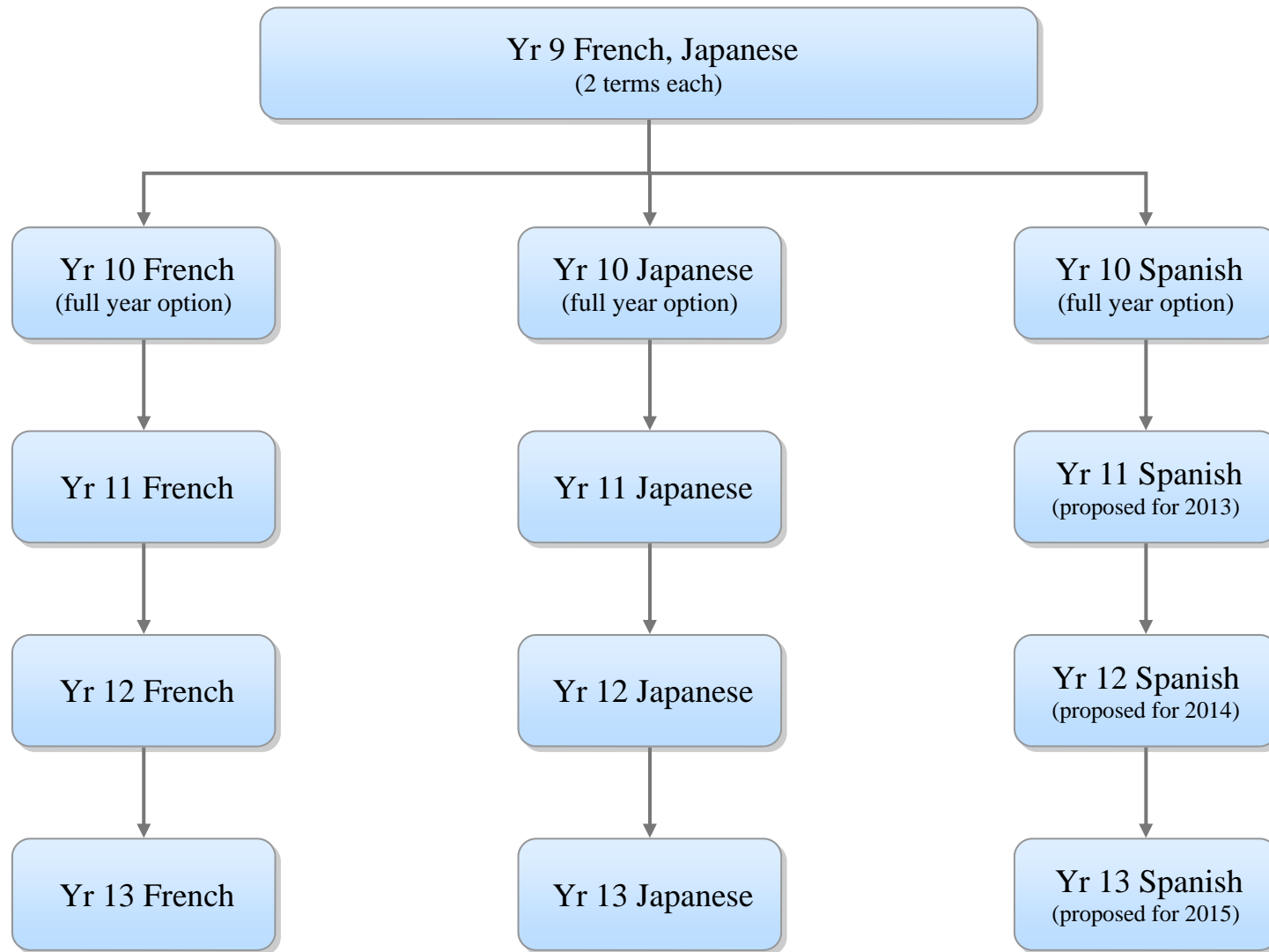
Optional Subject

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

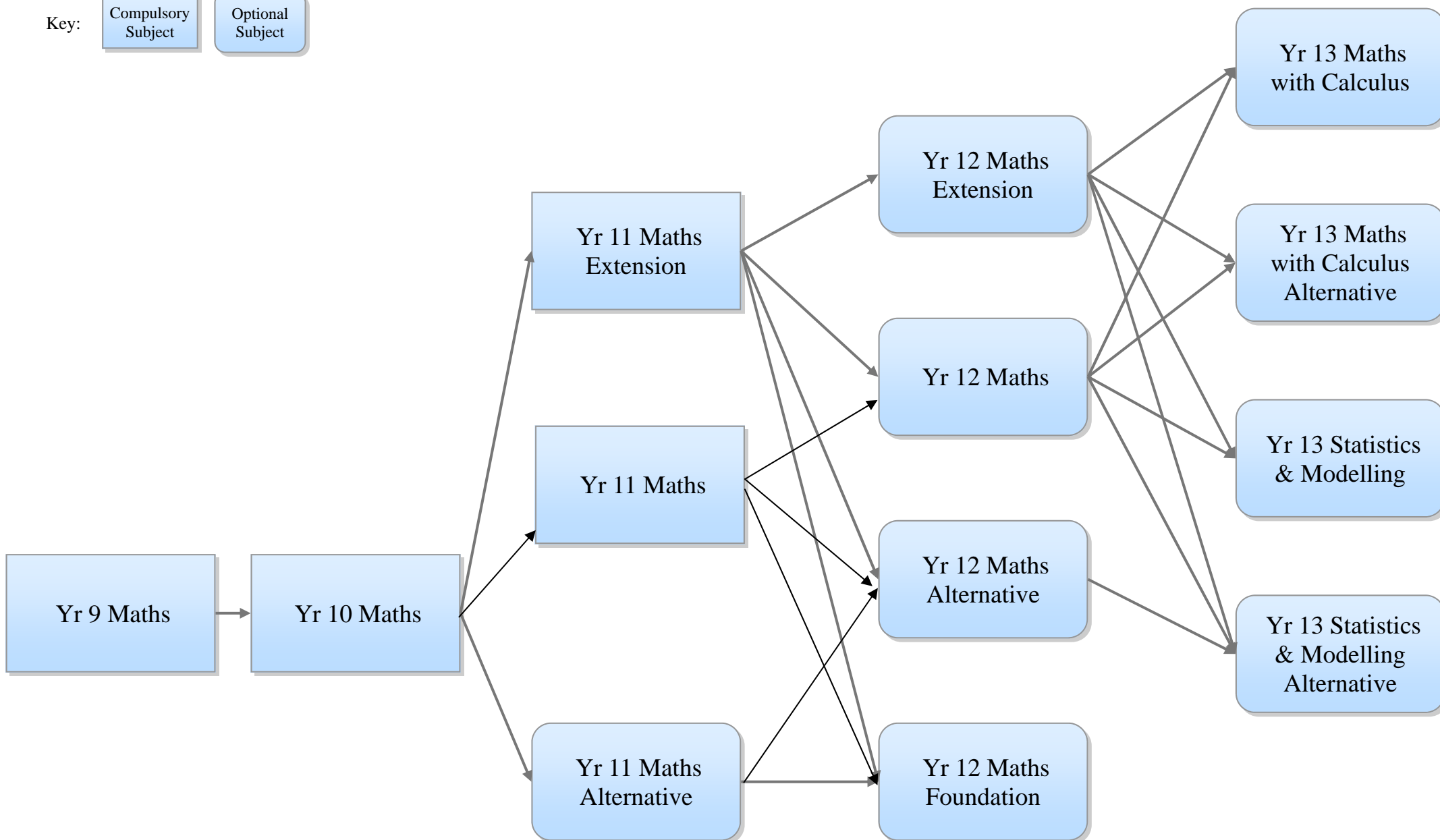
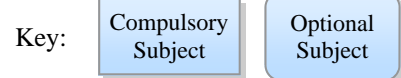


BDSC subject flow diagram—HEALTH AND PHYSICAL EDUCATION



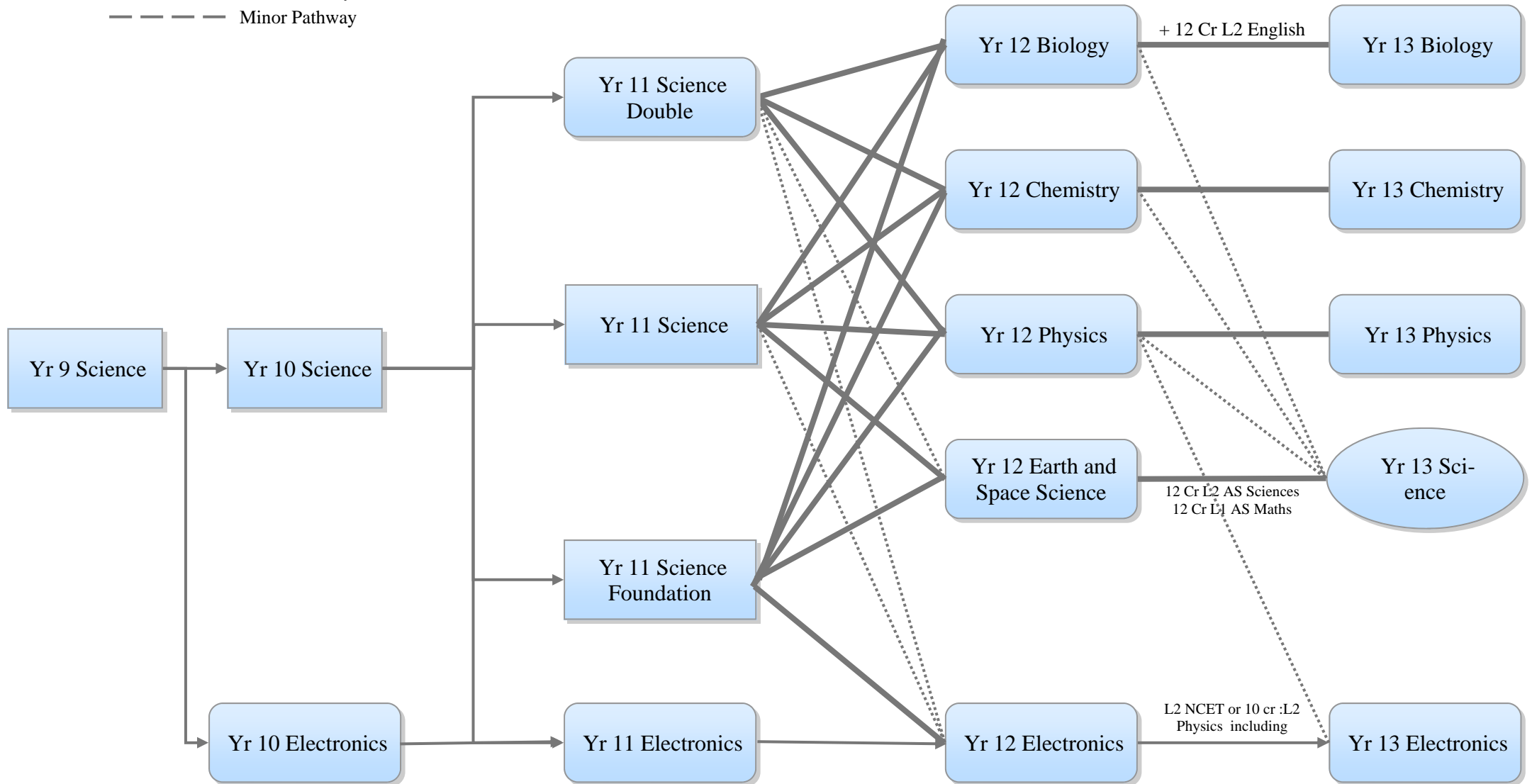
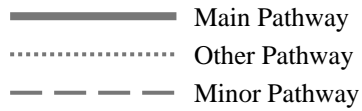
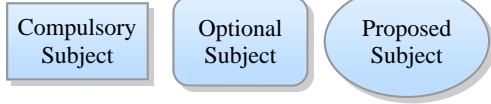


BDSC subject flow diagram—MATHEMATICS AND STATISTICS

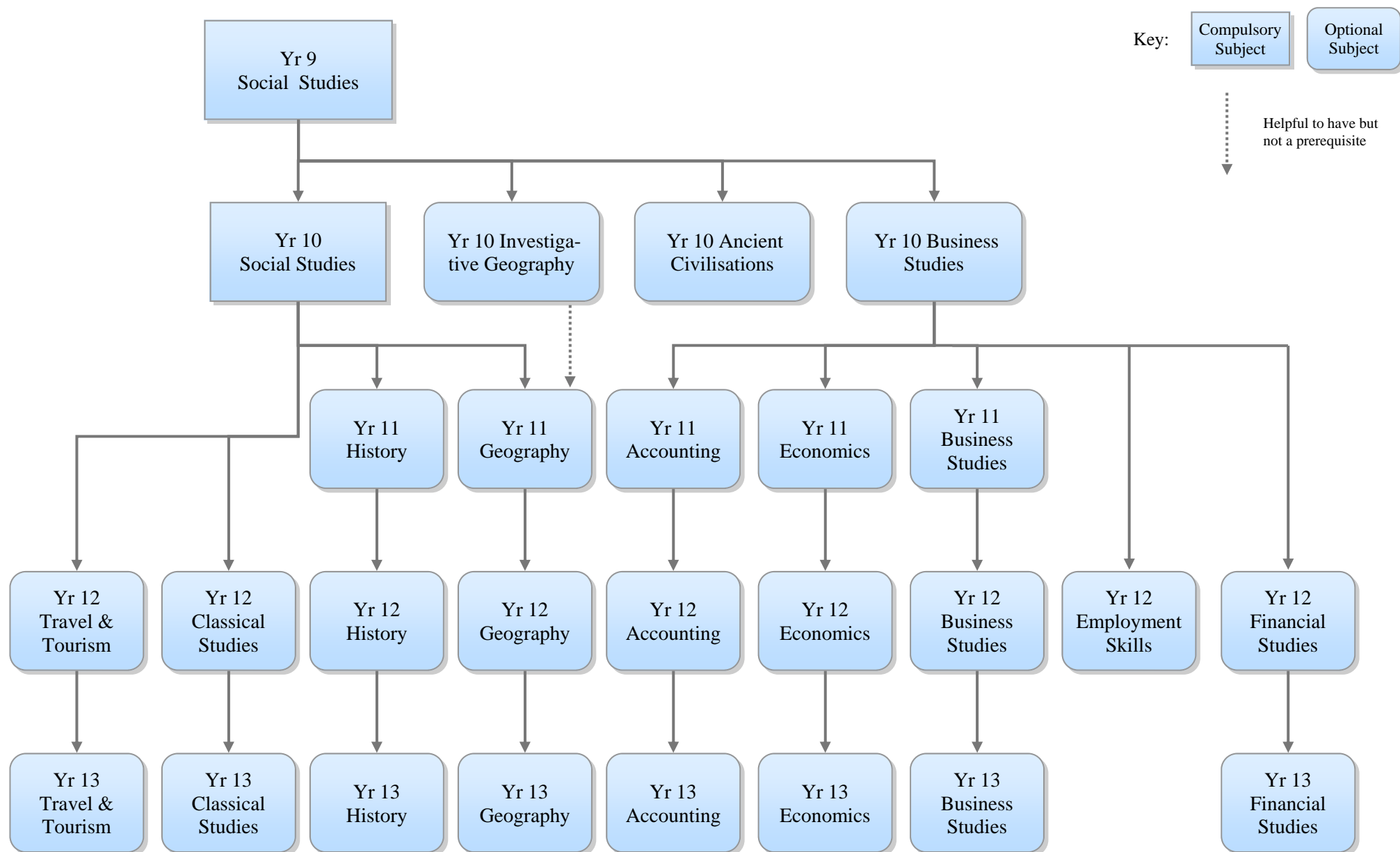


BDSC subject flow diagram—SCIENCE

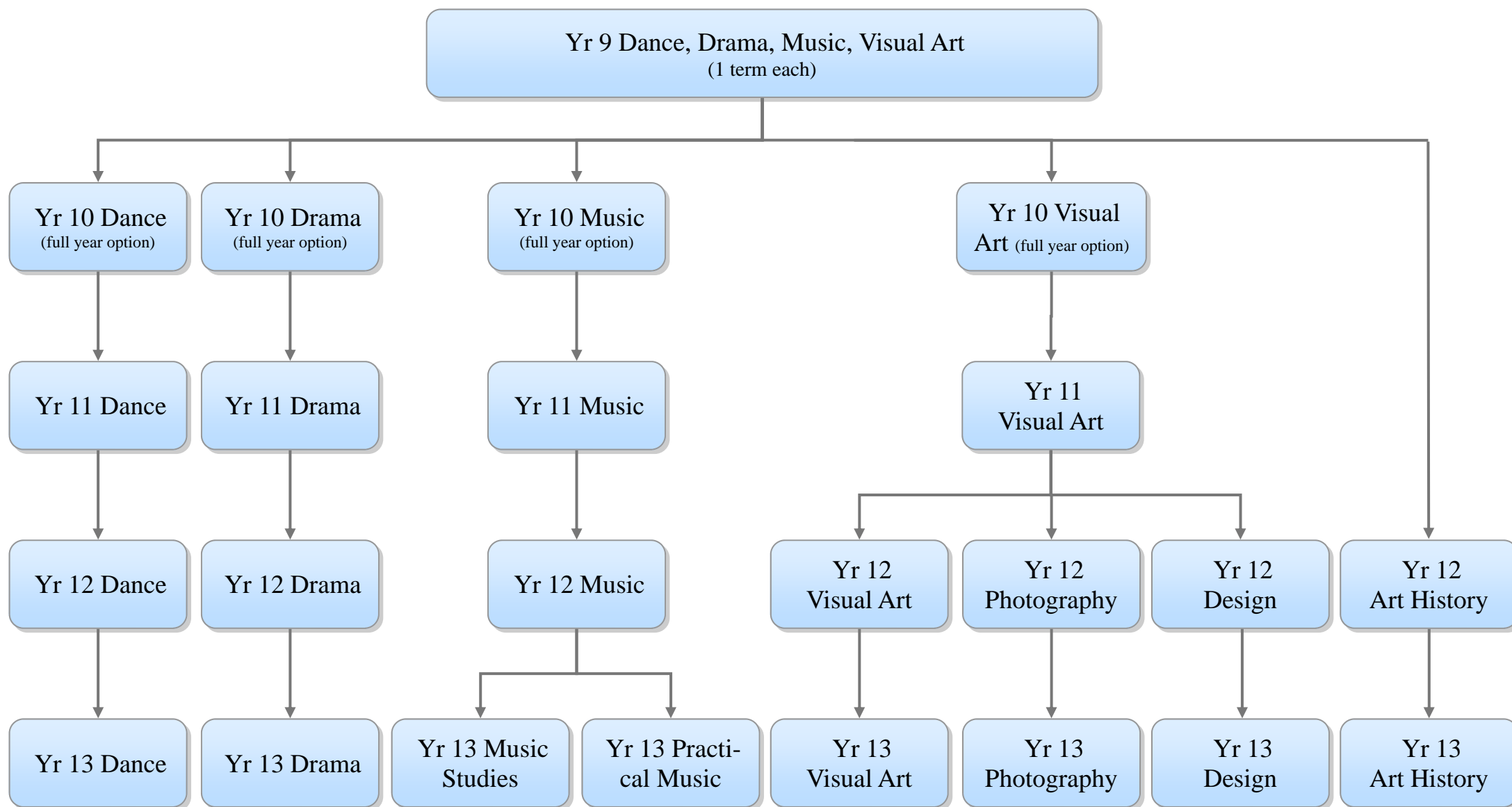
Key:



BDSC subject flow diagram—SOCIAL SCIENCES



BDSC subject flow diagram—VISUAL AND PERFORMING ARTS



Year 10 Compulsory Subjects

ENGLISH

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 experience a range of literary texts in gender, ethnicity and cultural aspects. Where literacy support is a recommendation for some students, these will be an added option to the programme. This support is offered through a variety of means: with RTLB help, teacher aide support or through a structured (extra) programme. Junior students are encouraged to read widely and complete a unit standard in English. Details of this are given to students at the beginning of their Year 10 year. The unit standard carries 3 credits at NCEA Level 1. Entry to NCEA Level at Year 11 is automatic.

Course Costs: \$5.75 (Theatrical Production and research booklet)



MATHEMATICS AND STATISTICS

This course prepares students for NCEA Level One 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 an end of year school exam, which will determine students placement in Year 11 Mathematics courses. Students may have a chance to do two Internal NCEA Level 1 achievement standards.

Course Costs: \$20 (Year 10 Mathematics Homework Book - must be paid for prior to issue) and \$5.75 (course handbook)



Year 10 Compulsory Subjects

SCIENCE

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: Reproduction and Genetics; Motion and Forces; Acids and Bases; Global Change; Electricity; Producers (study of plants); Sustainable Themes.

Depending on student achievement levels and choice this course leads to either Year 11 Science; Year 11 Science Foundation, or Year 11 Science (Double Option). Achievement in year 10 determines course options in year 11.

Course Costs (estimated): \$17.25 - Year 10 Science Workbook, used to support class work and homework activities.



SOCIAL STUDIES

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.

Topics covered in Y10 are:

- Introduction to the World
- Birth of a Nation
- The Holocaust
- Fair Trade
- Social Justice and Refugees
- Current Issues

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

At the end of each topic there will be an assessment which will be reported on.

Course Costs: Nil



Year 10 Compulsory Subjects

HEALTH & PHYSICAL EDUCATION

This course is compulsory and is based on the New Zealand Curriculum in which we look at four major strands:-

- Personal Health and Physical Development – in which students develop the knowledge, understandings, skills, and attitudes that they need in order to maintain and enhance their personal well-being and physical development.
- Movement Concepts and Motor Skills – in which students develop motor skills, knowledge and understanding about movement, and positive attitudes towards physical activity.
- Relationships with Other People – in which students develop understandings, skills, and attitudes that enhance their interactions and relationships with others.
- Healthy Communities and Environments – in which students contribute to healthy communities and environments by taking responsible and critical action.

Units covered in Year 10 are:

- Challenge Yourself 2 – Fitness In Action, Perfecting My Performance, Disabilities
- Games Sense – Mass Games, International Games, Badminton/Tennis, Cricket, Volleyball, Netball, Aussie Rules, Create a Game
- Changes & Challenges 2 – Nutrition – Fuel the Body, Natural High, Sexuality, Change, Loss & Grief

This course leads into senior NCEA courses in Health Education and Physical Education and from Year 12/Level 2 Outdoor Education and Sports Leadership.

Course Costs: \$9.20—Course Handbook and Workbooks.



Year 10 Optional Subjects

ANCIENT CIVILISATIONS

This course will offer students the opportunity to study the cultures of some of the world's ancient civilisations. These include: the Ancient Chinese, the Ancient Greeks, the Ancient Romans and the Ancient Egyptians. These civilisations provide some of the most interesting opportunities for students to explore and learn about ancient cultures. 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 civilizations. It will also include ICT, with sites dedicated to student learning on these topics needing to be accessed, and selected activities needing ICT 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.

Course Costs: Nil

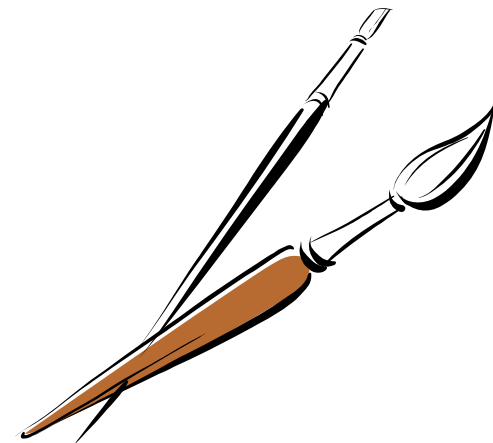


ART

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.

It is important to note that this course is a prerequisite if students are intending to take Visual Art in Year 11. Note: Year 11 Visual Art is a prerequisite for Year 12 Visual Art, Year 12 Photography and Year 12 Design. If you wish to take any of these Year 12 courses, you will need to take Year 10 Visual Art.

Course Costs: \$17.25



Year 10 Optional Subjects

BUSINESS STUDIES

Business Studies offers a wide business-based overview which helps the students develop world views with respect to economic issues. It promotes economics, financial literacy, accounting and enterprise skills which complement and strengthen generic skills used in all learning areas. At this level, the focus will be on enabling students to become confident in making economic decisions, apply their decision-making to economic planning and to further develop these skills in an applied business activity. This course forms the foundation for NCEA Level One in Accounting, Business and Economics. Students also have the opportunity to gain NCEA Level 1 credits by sitting an Economics Achievement Standard (4 credits) and an Accounting Achievement Standard (3 credits).

Course Costs: NIL



DANCE

This programme is designed to give students an understanding of dance, and is 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 2B5 dance journal which they will complete daily.

It is compulsory for all students to perform in the annual dance performance of PULSE.

Course Costs: Estimated (\$30) (Pulse –dance production, workshops, theatre trips,)



Year 10 Optional Subjects

DESIGN AND VISUAL COMMUNICATION

Using drawing, modelling and presentation skills, students develop solutions to a range of challenging design problems. They should ultimately become competent in a variety of techniques for graphical communication. This forms the foundation for the NCEA courses to follow in Year 11.

It is important to note that this course is a prerequisite if students are intending to take Graphics in Year 11.

Course Costs: \$5.75 estimated



DRAMA

In the Year 10 course, students will continue their study of dramatic techniques, elements, and conventions. Students will study a range of drama forms and texts which may include Shakespeare, Melodrama, devised and scripted drama. Students will initiate ideas to create drama, and work individually and collectively to develop skills that will aid both verbal and non-verbal communication. Students may be given the opportunity to attend a professional drama production.

Drama is a practical course that requires co-operative group work and for students to perform and learn lines. Students will be expected to see the senior production during term 2.

Course Costs: \$28.75 (approximate cost of theatre trips)



Year 10 Optional Subjects

ELECTRONICS

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.

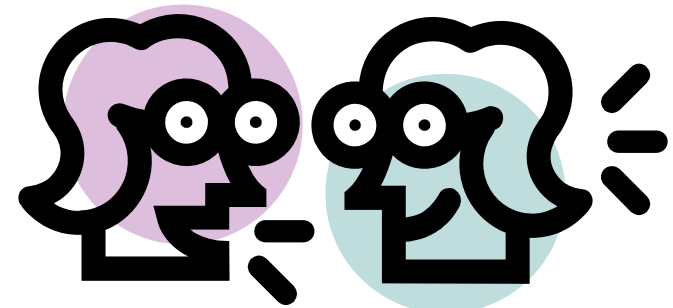
Course Costs: \$11.50 Resource Book. \$57.50, Project Materials (estimated)



ESOL - ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

English for Speakers of Other Languages is primarily for those students whose first language is not English and who need extra support to cope with English across the curriculum as well as in perfecting the English language. Students will be regularly monitored in ESOL as well as mainstream English until they are proficient enough in using English in all areas of the curriculum.

Course Costs: Approximately \$20



Year 10 Optional Subjects

FOOD TECHNOLOGY

This course leads on from Year 9 and looks at the many facets of food technology, including nutrition, meal planning, product development, safe food handling, bread-making and having fun with foods. Those who may be passionate about working with food, developing culinary skills and benefitting from learning the basics of food development, will enjoy this year 10 programme. It offers a very good introduction to the many opportunities in the food industry, leading onto Food Technology at year 11, 12 and 13 or Hospitality at year 12 and 13. There is a practical component where course costs will be charged.

Course Costs:

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 departments pantry basics list. A fee is charged to cover basic ingredient supplies and two classwork booklets. (\$100) - [\$25 per term]



FRENCH

Year 10 French is a one-year course, developing 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, housing, and hobbies). 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 French in Year 11.

Course Costs: approx \$15 (Student handbook)



Year 10 Optional Subjects

INVESTIGATIVE GEOGRAPHY

Location, location, location. Why is location so important? What do you need to consider when deciding to build a town or set up a business? Case studies of New York (a global city) and Auckland (a “wanna be” global city) investigate this, including a field trip. We will also look at factors affecting the location of businesses in Auckland. The geography of disease is investigated. What factors assist the spread of diseases both today and in the past; why did cholera occur and spread in nineteenth century London and Auckland? Where are malaria and tuberculosis prevalent and why? What are the consequences of these diseases for people and their families? Hot places and the people who live in them: how do people and other forms of life survive in deserts? Why do deserts occur? What is desertification? 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 positive and enthusiastic attitude is required.

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

Course Costs: \$35.00 for transport on two field trips (estimated)

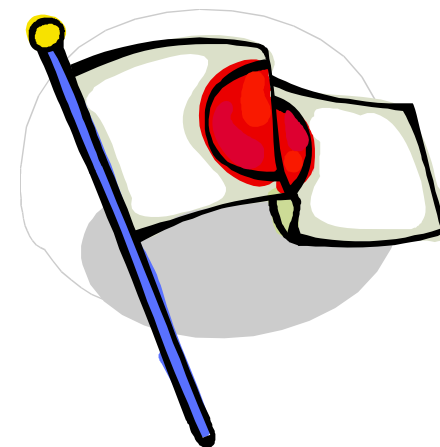


JAPANESE

Year 10 Japanese is a one-year course, developing 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 pursue Japanese in Year 11.

Course Costs: \$12.65



Year 10 Optional Subjects

MEDIA STUDIES

Year Ten Media Studies is a one year taster course which will contain all the elements required for students to prepare themselves for NCEA Level 1 Media, should they choose to take it in future. It will allow students to begin examining the role media plays in their lives and the importance it has for society.

It will cover close reading skills, the study of a film genre, research, and animation. Students will also get some practical experience in making a short film and editing it. It introduces all the concepts studied in later levels of Media Studies.

Course Costs: Work book \$7



MULTI MATERIALS TECHNOLOGY

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.

Course Costs: (\$40) estimated



MUSIC

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, Baroque Period, and Blues. Assessment tasks will involve a range of activities including composing pieces of 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 which operates in the school.

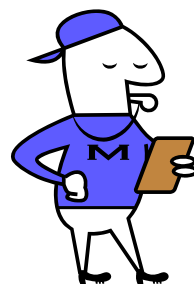
Course Costs: \$23 (Trip to orchestra/opera) estimated



OUTDOOR LEADERSHIP

NOTE: Year 10 Outdoor Leadership is a full year course comprising of two semester long courses. One semester has an Outdoor Education focus, the other focuses on Sports Leadership.

This course is a taster course into both Outdoor Education and Sports Leadership which are both full NCEA subjects at Year 12 & 13. 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. Adventure activities foster students personal and social development through experiences involving co-operation, trust, problem solving, decision making, goal setting, communication, leadership, responsibility and reflection. Through outdoor pursuits, students develop particular skills and attitudes in a range of outdoor settings. It will include a selection of abseiling, rock-climbing, orienteering, tramping and environmental projects. 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. Nine unit standards will be undertaken in this course.



Sports Leadership offers students the opportunity to participate and get started in principles of coaching, leadership and/or officiating in sporting contexts. Students will look at a Sports Education model in a democratically chosen context (sport chosen by class) and learn the skills of motor skill teaching and learning. Students will further develop their leadership through a variety of coaching and/or officiating tasks and sporting events working with other students. Students will be further encouraged and guided to undertake courses

associated with their own particular sporting strengths and interest.

Please note there is both a theoretical component and practical component in this course.

Course Costs: \$18.40 Course Handbook and Workbooks. Trips/Camps approx \$200. Some off-site practical work in which there will be some transport cost (to be announced).



Year 10 Optional Subjects

PHYSICAL EDUCATION

This course has been designed to give a foundation of knowledge for students who are wishing to study NCEA level 1 Physical Education. **Students who are not strong in written English and Science would benefit from this course.** This course is **not** designed for those students capable of picking up NCEA at level 1. This course will complete some unit and achievement standards in Year 10 and theoretical background in preparation for NCEA Level 1. Please be aware the course contains a large amount of theoretical work. Physical Education leads to an understanding of how the body works, how to care for it, how it responds to exercise and how it adapts over a lifetime. The context of the theory is applied in a number of varying practical situations. Course content includes: Science in Sport – (Anatomy, Biomechanics, Exercise Physiology); Outdoor Education – Assist Others to Participate in Physical Activity. This is based around a 4 day camp.; Fitness Education – Design and implement a personal fitness programme. Manage Self– Develop responsible behaviours that will assist learning. *Course Prerequisites:* Head of Health & Physical Education approval – after final examination results, students will be advised if this course is not suitable for them. (eg Merit/Excellence students in HPE Examination).

Course Costs: An Outdoor Education Camp approx \$240 and course handbook \$9.20



SPANISH

This is a one-year course aiming at developing basic writing, listening, reading and speaking skills in Spanish. It is also aiming at developing 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 in Year 11.

Course Costs: approx \$15 (Student handbook)



Year 10 Optional Subjects

TEXTILES TECHNOLOGY

This course encourages students to develop an appreciation of Technology while developing the creativity and skills to design and manufacture a variety of useful articles using textiles. As well as design skills, students will develop the skills to use and adapt sewing patterns, fit and adjust clothing, create fabric using a variety of techniques, as well as accurately using a standard and over-locking 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 are encouraged to purchase their own fabric and patterns for their projects.

Course Costs: \$40.25 estimated





Botany Downs Secondary College

575 Chapel Road, Howick
Auckland 1706

Phone (09) 273-2310

Fax (09) 273-8551

Email admin@bdsc.school.nz

Web Site www.bdsc.school.nz