

St Peter's College

Year 10 Subject Guide 2020



Table of Contents

Compulsory Subject Outlines	3 - 5
Optional Subject Outlines.....	6 - 12

COMPULSORY SUBJECT OUTLINES

There are **EIGHT** compulsory subjects, outlines below:

ENGLISH FACULTY

Head of Faculty: Mr Stacy Humpage: shumpage@st-peters.school.nz

English

COURSE DESCRIPTION

The course is designed to develop the students' ability to communicate clearly, accurately and effectively in both speech and writing. Students will learn how to employ a wide-range of vocabulary, use correct grammar, spelling and punctuation, develop a personal style and gain an awareness of the audience being addressed. They will read and view a range of engaging short and extended fiction and non-fiction texts and explore how writers use language techniques for an intended purpose. Students will also be encouraged to develop their understanding of the creative outlets of the subject through creative writing and drama study. The course also introduces students to aspects of the Literature side of the subject in preparation for Year 11. CAIE boys will sit external examinations in October/November and gain an IGCSE grade.

Qualification Gained: IGCSE English Literature.

HUMANITIES FACULTY

Head of Faculty: Mr Jakub Kalinowski: jkalinowski@st-peters.school.nz

Humanities

LEADS INTO

This course will prepare the students well for both NCEA and CAIE pathways into Geography and/or History.

COURSE DESCRIPTION

The year 10 Humanities programme continues to build upon the foundations set in Year 9. The course is broken up thematically and both Geography and History are taught throughout the year. Subject content is divided into 3 key themes: 'Slavery and Human Rights', 'Population and Development' and 'Peace and Conflict'. Critical thinking and decision making skills form an integral part of the year and students will be challenged to consider the world around them. A number of inquiry-based tasks will be undertaken and basic research skills will be developed throughout the course of the year. Additionally, a focus on improving the skill of students' writing will be utilised using the 'Write that Essay' programme.

LEADERSHIP

Head of Leadership: Mr Brett Fricker: bfricker@st-peters.school.nz

Leadership

COURSE DESCRIPTION

The Year 10 Leadership Programme follows on from the Year 9 programme and covers such topics as "Being A Team Leader", "Resilience" and "Motivation". As with last year it encourages boys to recognise that they can be leaders and to learn some of the key skills to enable them to fulfil this challenge. They are working towards the St Peter's Student Leadership Program Silver Award. Service Hours, attendance and behaviour also contribute to qualifying for this recognition. All Year 10's have this course in the first two Terms.

MATHEMATICS FACULTY

Head of Faculty: Mr Kevin Heeney: kheeney@st-peters.school.nz

Year 10 Mathematics

COURSE DESCRIPTION

Students will follow a course to prepare them for IGCSE Mathematics or Level 1 NCEA Mathematics in Year 11. The course includes the following topics: Number, Algebra and Geometry, Statistics, Graphs, Function, Mensuration, Trigonometry and Probability.

CAIE EXTENDED Mathematics IGCSE

COURSE DESCRIPTION

This course is made up of two papers. Paper 2 shorter answer questions and Paper 4 longer answer questions. Paper 2 & Paper 4 have the following topics: Number, Algebra, Mensuration, Geometry, Trigonometry, Graph, Sets, Vector, Function, Matrices, Transformation, and Statistics & Probability. Paper 2 is worth 70 marks and an exam length of 1½ hours. Paper 4 is worth 130 marks and has an exam length of 2½ hours.

Qualification Gained: IGCSE EXTENDED Mathematics.

PHYSICAL EDUCATION FACULTY

Head of Faculty: Mr Jonathan Mahoney: jmahoney@st-peters.school.nz

Health

COURSE DESCRIPTION

Drug education

Students will develop their knowledge and their understanding of how different drugs may impact on individuals and the wider society.

Healthy Relationships

Students will develop their knowledge, understanding and skills relating to sexual development (adolescence) – physical, emotional, spiritual and social well-being.

Physical Education

COURSE DESCRIPTION

This course will prepare the students well for both NCEA and CAIE pathways into Academic Physical Education.

SCIENCE FACULTY

Head of Faculty: Mr Kevin Barker: kbarker@st-peters.school.nz

Science

CAIE Combined Science IGCSE and pre NCEA

COURSE DESCRIPTION

Year 10 Science at St Peters consists of three different courses. Three classes sit the single award IGCSE Combined Science course. These boys will sit three external examinations in October/November and gain an IGCSE grade. This course is difficult and covers Biology, Chemistry and Physics in the broader context of a Science course. This course is good preparation for the more demanding IGCSE Biology, Chemistry and Physics taken in year 11.

One class studies the IGCSE Combined Science Core course. Like the IGCSE extended course boys will sit three examinations in October/November and gain an IGCSE grade.

Two classes will follow a NZC based NCEA style course aimed at preparing students for Level One Science.

The core IGCSE Combined and NCEA style courses prepare boys for either the NCEA Level 1 course or the individual IGCSE Physics, Chemistry and Biology courses.

Assistant HOF (Junior Science): Miss Helen Davidson: hdavidson@st-peters.school.nz

THEOLOGY & PHILOSOPHY FACULTY

Head of Faculty: Dr Daniel Stollenwerk: dstollenwerk@st-peters.school.nz

Theology & Philosophy

Church History, Art and Architecture

COURSE DESCRIPTION

Year 10 Church History at St. Peter's College starts where year 9 Biblical Studies left off. Beginning with the Church's foundation, the course broadly surveys 2000 years of history, highlighting the life and influence of several key historic figures in each era. In the first 800 years of the Christian era students pay special attention to St. Peter, Augustine and Benedict during the persecution, legalization and growth of the Church. The life and works of Charlemagne, Francis and Thomas Aquinas symbolize the Middle Ages (800-1400). Catherine of Siena, Thomas More, and Ignatius of Loyola meet the challenges of the Reformation, the Scientific Revolution and the Enlightenment (1400-1800). Edmund Rice, Mary Aubert and Oscar Romero characterize the globalization of the Church in the last two hundred years of Christianity. A special study is made of the predominant Church art and architecture in each era.

OPTIONAL SUBJECT OUTLINES:

Students must choose THREE of the following subjects:

ART FACULTY

Head of Faculty: Ms Nichola Barnden: nbarnden@st-peters.school.nz

Art

COURSE COSTS

\$50, materials and printing fee + Art pack

LEADS INTO

NCEA Level One Visual Art or Digital Art or IGCSE Art and Design.

COURSE DESCRIPTION

The Year 10 Art Option is a foundation course on which each successive year builds. The course is designed to develop skills and techniques in preparation for Year 11 Art. The course is experimental in its approach and the students are encouraged and supported in learning new techniques and Art processes. Students will gain knowledge about the structure, content & meaning of art works. They will also develop a visual literacy & develop appropriate critical thinking skills as they analyse & question the parameters of visual arts practice. Students will produce work in painting, sculpture, printmaking and design.

COMMERCE FACULTY

Head of Faculty: Mr Steve Rewcastle: srewcastle@st-peters.school.nz

Business Studies

LEADS INTO

This course prepares students for Economics and Accounting at CAIE IGCSE; or NCEA Economics and Accounting in Year 11.

COURSE DESCRIPTION

Business Studies in Year 10 provides students with a basic overview of Accounting and Economics, that will provide a good base for undertaking Commerce subjects at senior levels. Economics will involve studying demand and consumer choices; supply and producer decisions; and the market and how prices and quantities are decided. There will be a brief introduction to Macroeconomics via the Circular Flow, which will allow students to see their households place in an interdependent economy and the interactions that allow the economy to function. Accounting will involve studying budgeting and basic transactions, this will include making decisions from a personal and business level. There will be an introductory unit on financial documents and statements. Accounting is the language of business, and this will help students to make real life financial decisions in a constantly changing and uncertain world. In term 4, we will undertake a unit on Marketing and the 4P's – this will culminate in a group business project that will let students demonstrate their business skills and attributes to market a new good they have researched and developed.

HUMANITIES FACULTY

Head of Faculty Mr Jakub Kalinowski: jkalinowski@st-peters.school.nz

Latin (Humanities)

LEADS INTO

This course prepares students for Year 11 Classics

ENTRY REQUIREMENTS: Must have done Year 9 Latin

COURSE DESCRIPTION

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface.

It describes and explains the patterns and processes that create them. Students learn to think spatially and use maps, visual images and new technologies to obtain, present and analyse information. Topics studied include population, development and geographic skills.

LANGUAGES FACULTY

Head of Faculty: Mrs Margaret Ubels-Rattray: mubels@st-peters.school.nz

French

LEADS INTO

This course prepares students for both CAIE IGCSE and NCEA pathways in Year 11

COURSE DESCRIPTION

This 1-year course revises and then extends the work covered in year 9. Students can communicate about a variety of familiar situations such as schooling, home life, and personal preferences. Food items, asking for and understanding descriptions and going shopping. The language acquired goes beyond formulaic expressions so that students can experiment with the language in order to communicate independently. As well as furthering their understanding of the language, students develop an ability to make intelligent guesses and increase their understanding of English. Students are encouraged to develop an understanding of the French speaking world and its history. There is a trip in to Spain and France in 2021 and students who complete this year have priority for places.

LANGUAGES FACULTY continued

Head of Faculty: Mrs Margaret Ubels-Rattray: mubels@st-peters.school.nz

Mandarin Chinese

LEADS INTO

This course prepares students for both CAIE IGCSE and NCEA pathways in Year 11

COURSE DESCRIPTION

This is a 1-year course designed to help students cope with a variety of routine situations when visiting Chinese-speaking countries or when dealing with Chinese speakers in New Zealand. Students who complete year 10 can use familiar language with some flexibility and pick up new language from its context. They can read and write simple notes and fill out most parts of simple forms. They can understand and make use of many of the customs and beliefs of the Chinese culture. Although they may still be hesitant about talking to native speakers, their confidence is growing.

Spanish

LEADS INTO

This course prepares students for both CAIE IGCSE and NCEA pathways in Year 11

COURSE DESCRIPTION

This 1-year course revises and then extends the work covered in years 8 and 9. Students are able to communicate about a variety of familiar situations such as schooling, home life, personal descriptions, going shopping and other aspects of their immediate environment. The language acquired goes beyond formulaic expressions so that students can experiment with the language in order to communicate independently and with growing confidence. Students are encouraged to use IT tools for research or communication. There is a trip to Spain and France in 2021 and students who complete this year have priority for places.

Te Reo Māori

LEADS INTO

This course prepares students for NCEA Level 1 Te Reo Maori in Year 11

COURSE DESCRIPTION

This is a 1-year course which revises and extends the work completed in year 9. Students are introduced to more advanced sentence structures and grammatical rules so that they are able to communicate in a wider variety of familiar and less familiar situations. During this year students concentrate on whaikorero, powhiri and mihi.

MUSIC FACULTY

Head of Faculty: Mr Antun Poljanich: apoljanich@st-peters.school.nz

Music

LEADS INTO

This course prepares students for CAIE AS Music in Year 11 or NCEA Level 1

ENTRY REQUIREMENTS: Accelerate music program completed – preferred, or equivalent knowledge require. If the student did not attend the accelerated course in Year 9, the student may choose music at year 10 at the discretion of the Music Faculty.

COURSE DESCRIPTION

Following on from the accelerated course in Year 9, students taking Year 10 Music will continue working towards achieving IGCSE Music.

Covers Performing, Composing and Listening, both prepared and unprepared, over a wide range of music styles. Students will analyse one Set Work and be able to recognise typical characteristics of music from seven world regions. Students will perform both solo and in an ensemble, and compose two contrasting compositions.

PHYSICAL EDUCATION FACULTY

Head of Faculty: Mr Jonathan Mahoney: jmahoney@st-peters.school.nz

Basketball Science

LEADS INTO

This is a standalone Year 10 course and does not run in Year 11

COURSE DESCRIPTION

The course will offer in-depth coverage of the technical and tactical components of the game. Physical development is a key component of the course. The boys will also learn basic mental skills to assist them with Basketball.

The course is ideally suited for boys who are motivated to make the most of their basketball ability and who aspire to play 1st V Basketball.

Football Science

LEADS INTO

This is a standalone Year 10 course and does not run in Year 11

COURSE DESCRIPTION

The course will offer in-depth coverage of the technical and tactical components of the game. Physical development is a key component of the course. The boys will also learn basic mental skills to assist them with Football.

The course is ideally suited for boys who are motivated to make the most of their football ability and who aspire to play 1st XI Football.

PHYSICAL EDUCATION FACULTY continued

Head of Faculty: Mr Jonathan Mahoney: jmahoney@st-peters.school.nz

Rugby Science

LEADS INTO

This is a standalone Year 10 course and does not run in Year 11

COURSE DESCRIPTION

The course will offer in-depth coverage of the technical and tactical components of the game. Physical development is a key component of the course. The boys will also learn basic mental skills to assist them with Rugby.

The course is ideally suited for boys who are motivated to make the most of their rugby ability and who aspire to play 1st XV Rugby.

Sports Science

LEADS INTO

This course prepares students for Academic PE at CAIE IGCSE or NCEA Level 1 in Year 11

COURSE DESCRIPTION

Practical: 40% worth of the year's total

Utilising the Sports Education Model, Traditional Styles and a number of other teaching styles and strategies, the practical work will comprise of situations for the students to undertake different roles within each activity covered. These roles are in place to help foster some of the values that physical education directly or indirectly work towards during group and/or team environments. There will be two sports covered in each term:

Term 1: International games

Term 2: Football + Volleyball

Term 3: Fitness Studies/ Testing

Term 4: Touch Rugby + Softball

Theory: 60% worth of the year's total

The topics covered include:

- Analysing Human Movement during Physical Activity
- Psychology of sport, inside an athletes mind
- Olympic games/ Global events/ NZ sport
- Planning and Preparing for my Sports Season (Fitness Studies) (written assignment)

TECHNOLOGY FACULTY

Head of Faculty: Mrs Amoure Homburg: ahomburg@st-peters.school.nz

Coding

COURSE COSTS

\$20

LEADS INTO

This course prepares students for the Harvard Course in Computing in Year 11

COURSE DESCRIPTION

Core coding lessons and activities that help students apply what they've learned and start designing their very own app. Building on coding skills from Learn to Code 1 & 2, it includes story activities, code review lessons, Keynote presentations, journal prompts and a grading rubric. Curriculum correlations are included with alignments to various national and international curriculum standards for computer science.

Design & Visual Communication (DVC)

COURSE COSTS

\$80 +Graphics Kit

LEADS INTO

This course prepares students for CAIE IGCSE or NCEA Level 1 Design and Visual Communication in Year 11

COURSE DESCRIPTION

DVC at Year 10 provides students with the opportunity to build their sketching, drawing, rendering and computer skills so that they can visually explain their ideas for PRODUCT and/or ARCHITECTURE design. By the end of the year students will have the ability to:

- Produce 2D and 3D freehand sketches that communicate design ideas
- Produce instrumental drawings to communicate design ideas
- Use rendering techniques to communicate the form of design ideas

Students will complete the above while producing the work for a given design brief. They will undertake development of design ideas through graphics practice.

The current briefs at Year 10 are:

- Basic skills – Technical Drawing
- Product Design – Speaker Design Brief

Students produce a study of an influential designer to inform their own design ideas considering shape, style, materials, function and aesthetics.

TECHNOLOGY FACULTY continued

Head of Faculty: Mrs Amoure Homburg: ahomburg@st-peters.school.nz

Hard Materials

COURSE COSTS

\$110

LEADS INTO

This course prepares students for NCEA Level 1 Hard Materials Technology in Year 11

COURSE DESCRIPTION

Students will be working through a number of set units of work, which will empower them to be creative and use prior knowledge and motor skill to achieve the desired Technological outcomes.

Unit 1: Students will design and make a Model Vehicle.

Unit 2: Students will design and make a Decorative Container for a specific use.

Students will be able to:

- Understanding and using the design process to achieve a creative outcome.
- Build knowledge and understanding of tools, processes and materials, to achieve a suitable practical outcome to a set design problem.

Food Technology

COURSE COSTS

\$90

LEADS INTO

This course prepares students for Level 1 Hospitality in Year 11

COURSE DESCRIPTION

This course covers the areas Technological Practice, Technological Knowledge and the Nature of Technology strands in the Technology curriculum. Skills such as identifying needs or opportunities, communication, self-evaluation, research, thinking skills, managing resources, technological solutions and problem solving, making informed decisions and practical cookery are covered in the course. Students study introductory courses to Year 11 Hospitality such as Fruit & Vegetable cookery, Egg & Cheese cookery, cooking meat for the catering industry, knife care, use & storage. They also complete a basic course in food safety.