



ST PETER'S COLLEGE

Year 10

Subject Guide

Contents

Introduction	3
Compulsory Subjects in Year 10	4
ENGLISH.....	4
HUMANITIES.....	4
LEADERSHIP	4
MATHEMATICS.....	5
PHYSICAL EDUCATION (Core)	5
SCIENCE.....	4
THEOLOGY and PHILOSOPHY	5
<u>Options</u>	
ART	5
COMMERCE.....	6
HUMANITIES	
Latin.....	6
MODERN LANGUAGES	
Mandarin Chinese.....	8
Te Reo Maori	7
Spanish	7
MUSIC	7
PHYSICAL EDUCATION	
Sports Science.....	8
Cricket Science.....	8
Rugby Science.....	8
Basketball Science	8
Football Science	9
Rowing Science	9
TECHNOLOGY	
Design and Visual Communication – Graphics.....	9
Hard Materials.....	10
Coding.....	Error! Bookmark not defined. 10

Introduction

Year 10 at St Peter's is a pre-cursor to the formal examination years 11, 12 and 13.

In Year 10 students will study the following core subjects:

- **Theology & Philosophy**
- **English**
- **Science**
- **Mathematics**
- **Humanities**
- **PE and Health**
- **Leadership and**
- **3 option subjects.**

Your son will study a total of 10 subjects in Year 10.

Should you have any concerns regarding the above, please contact the Head of Year, Mr Kingstone at bkingstone@st-peters.school.nz or on 09 5248108 ext. 7364.

Compulsory Subjects in Year 10

ENGLISH

Head of Faculty

Mr S Humpage: shumpage@st-peters.school.nz

Course Description:

The course is designed to develop the students' ability to communicate clearly, accurately and effectively. 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 writing and a drama study. The course introduces students to aspects of the Literature side of the subject in preparation for Year 11.

HUMANITIES

Head of Faculty

Jakub Kalinowski: jkalinowski@st-peters.school.nz

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 Black Civil Rights in the USA', 'Population' 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.

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

LEADERSHIP

Head of Faculty

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

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

Head of Faculty

Mr Matt Bindon: mbindon@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.

Cambridge 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 (Core)

Head of Faculty

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

SCIENCE

Head of Faculty

Mr Kevin Barker: kbarker@st-peters.school.nz CAIE Combined Science IGCSE and pre NCEA

Year 10 Science

Course Description:

Year 10 Science at St Peters consists of three different courses. Three classes sit the single award IGCSE Combined Science Extended 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.

Three classes will follow a New Zealand Curriculum 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.

THEOLOGY and PHILOSOPHY

Head of Faculty

Dr Dan Stollenwerk: dstollenwerk@st-peters.school.nz

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 Sts. 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). Reformation artists, Thomas More, and Rene Descartes 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 Subjects in Year 10

ART

Head of Faculty

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

Art

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.

Course cost: \$50 + Art pack

What senior courses will this lead to: NCEA Level One Art Digital or Visual Art, or IGCSE Art & Design.

COMMERCE

Head of Faculty

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

Business Studies

Course Description:

Business Studies in Year 10 provides students with a full year course focused on a basic overview of Accounting and Economics.

Economics involves looking at three main areas:

1. Consumers and their demand. There is a focus on consumers decision making and the values that underpin those decisions. We also look at demand and what will affect demand and how it affects consumers and the economy.
2. Producers and their supply. We look at supply of goods and services and what will affect the level of supply in the economy.
3. The Market. We will combine demand and supply and determine what makes a market and how prices are determined and how the market will respond to changes in the price.

Accounting is the language of business. It provides students with the tools to make real life financial decisions in a constantly changing and uncertain world. We will look at budgeting, decision making from both a personal and business level, basic transactions, financial documents, and statements. We will also look at how businesses are managing sustainability.

Outside of Economics and Accounting, we will also spend time on Financial Literacy and Marketing in term 4.

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

HUMANITIES

Head of Faculty

Jakub Kalinowski: jkalinowski@st-peters.school.nz

Latin (Humanities)

Course Description:

Following on from the course in Year 9, students taking Year 10 Latin will work towards improving their grammatical understanding with an expanded vocabulary. The syllabus follows the life of Caecilius in Pompeii, and changes scope to Roman Britain halfway through the year. Boys will translate stories that relate to the lives of authentic Pompeians and engage with the appropriate cultural lifestyle of the 1st Century CE Roman Empire.

Moreover, students will develop an analytical approach to learning language and be better equipped to compare the structure of Latin with those of other languages and to recognise the impact of Latin on modern English. The course also encourages students to develop an appreciation of literature, both in terms of content and style, and of social and historical context.

Skills gained include the ability to translate and understand Latin, an enthusiasm for learning about the past and the ability to present clear, logical arguments which are well supported by evidence.

Alongside the language component, boys will engage with various cultural aspects of the ancient world, including a study of the development of mythological and religious thought in Ancient Rome, the Pantheon of gods, a study of the military strength and technological innovation ancient societies, viewed through a careful selection of 5 significant battles, and a close inspection of Caesar's Gallic Wars through translation of the original text.

This course prepares students for Year 11 Classics in the CAIE pathway

LANGUAGES

Head of Faculty

Ms Bingmei Zhang: bzhang@st-peters.school.nz

Mandarin Chinese

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.

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

Course Cost: \$23 (+GST) Education Perfect Subscription

Spanish

Course Description:

This is a 1-year course that 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 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.

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

Course Cost: \$23 (+GST) Education Perfect Subscription

Te Reo Māori

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. Also look at what is needed for a Level 1 portfolio for NCEA Te Reo Māori.

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

Course Cost: \$23 (+GST) Education Perfect Subscription

MUSIC

Head of Faculty

Ms Elinora Iversen: eiversen@st-peters.school.nz

Course Description:

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

Covers Listening, Performing and Composing, 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.

Entry Requirements: Accelerate music program completed – preferred. Or equivalent knowledge required – determined by entry test.

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

PHYSICAL EDUCATION

Head of Faculty

Sports Science

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)

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

Year 10 Cricket Science

Course Description:

This course gives keen cricketers the opportunity to improve their game through a structured programme of training, skill development and strategic awareness.

Students who opt for this subject will be the first to reap the benefits of our new top class indoor net facility which allows practical training and conditioning all-year round.

Terms 1 and 4 will focus on in-season training and development.

Terms 2 and 3 will look at off-season conditioning, exercise physiology, skills analysis and then pre-season training.

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

Rugby Science

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.

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

Basketball Science

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.

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

Football Science

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.

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

Rowing Science

Course Description:

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

The course is ideally suited for boys who are motivated to make the most of their rowing ability and who aspire to compete in Maadi Cup.

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

TECHNOLOGY

Head of Faculty

Mr Jono Bay: jbay@st-peters.school.nz

Design and Visual Communication

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, Freehand Drawing
- Product Design – Animal Shelter Design
- Architecture Design – Treehouse Design

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

Course Cost: \$80 +Graphics Kit

Hard Materials

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 skills 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.

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

Course Cost: \$110

Coding

Course Description:

Students will work towards completing their Swift Playground 3 from last year. They will also be working through 2 units of work that will introduce them to basic understanding of webpage and computer programming.

Unit 1: Students will design and create their webpage using HTML and CSS.

Unit 2: Students will undertake a series of exercises that will introduce them to basic Python programming.

Students will be able to:

Understand how to use basic HTML and CSS to write a code to produce a simple personal webpage.

Understand Python as an introductory but high-level and general purpose programming language that is currently one of the most popular programming language in the computer world.

Course Cost: \$45