

St Peter's College

**Year 13 – CAIE A Level
Subject Guide 2020**



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2020 CIE GENERAL INFORMATION

CIE is a New Zealand and internationally recognised qualification. It is accepted in all New Zealand tertiary institutions.

The examinations are administered by the University of Cambridge Local Examinations Syndicate (UCLES). CIE offers examinations at three levels:

YEAR 11 – IGCSE	YEAR 12 – AS	YEAR 13 – A
International General Certificate of Secondary Education	Advanced Subsidiary	A Level papers or a combination of AS and A Level.

Additional information may be obtained from the CIE website www.cie.org.uk

Each subject follows a syllabus laid down in the CIE prescription for that subject. CIE is examined externally in Oct/ Nov each year. Some subject exams occur in May/ June.

SUBJECTS TAKEN PER LEVEL

YEAR 11 – IGCSE	YEAR 12 – AS	YEAR 13 – A
7 IGCSE Subjects	6 AS Subjects	5 A/AS Subjects
<ol style="list-style-type: none"> English Mathematics Theology & Philosophy One Science (Biology, Chemistry or Physics)* Option Choice ONE Option Choice TWO Option Choice THREE <p><i>*if students wish, they may choose other Science subjects as part of their options</i></p>	<ol style="list-style-type: none"> English Theology & Philosophy Option Choice ONE Option Choice TWO Option Choice THREE Option Choice FOUR 	<ol style="list-style-type: none"> Theology & Philosophy Option Choice ONE Option Choice TWO Option Choice THREE Option Choice FOUR

CIE GRADING

% Gained	IGCSE	AS	A
90 – 100%	A*	A	A*
80 – 89%	A	A	A
70 – 79%	B	B	B
60 – 69%	C	C	C
50 – 59%	D	D	D
40 – 49%	E	E	E
30 – 39%	F	U-Fail	U-Fail
20 – 29%	G	U-Fail	U-Fail

ADVANCEMENT TO NEXT LEVELS

YEAR 11 to YEAR 12

Advancement from IGCSE to AS Level:

- **Must** pass IGCSE Mathematics – **D grade minimum**.
- **Must** attain a **C grade** or higher in **FOUR subjects**.
- In each subject at least a "C" to take this subject in AS Level
- AS Maths entry requirement – must have 65% or higher in IGCSE

A student wanting to take a subject in a higher level with a Grade D or lower will need Head of Faculty, Head of Year and Senior Management permission.

YEAR 12 to YEAR 13

Advancement from AS to A Level – see below for UCAS points table:

- Student **must** have passed AS English – **D grade minimum**.
- Must attain **120+ UCAS points** in best FOUR subjects at AS Level.
- 100-120 UCAS points – Will require an Interview with Senior Management
- In each subject, at least a "C" to take this subject in A Level

A student wanting to take a subject in a higher level with a Grade D or lower will need Head of Faculty, Head of Year and Senior Management permission.

UCAS POINTS

UCAS Points are the criteria required for University Entrance. UCAS points **ARE ONLY AVAILABLE AT AS AND A LEVEL**.

GRADE	AS POINTS	A LEVEL POINTS
A*	N/A	140
A	60	120
B	50	100
C	40	80
D	30	60
E	20	40

For instance to gain university entrance students must have a minimum of 120 UCAS points + D Grade for IGCSE Mathematics + E Grade for AS English. (Auckland Uni – D Grade for English)

Universities set specific UCAS rank scores for each degree course – please refer to Career Pathway Guide on the website (under Academic, Academic Guides)

If you have any questions, please contact:

Mr Michael Mullin
Deputy Headmaster, Curriculum
mmullin@st-peters.school.nz

FACULTIES & THEIR SUBJECT OPTIONS - CIE LEVELS OVERVIEW -

ACCOUNTING FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ACCOUNTING	Open Entry	C Grade in IGCSE Accounting	C Grade in AS Accounting

ART FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ART	Year 10 Art	NOT OFFERED	NOT OFFERED
ART: DESIGN	NOT OFFERED	C Grade in IGCSE Art	C Grade in AS Design
ART: PAINTING	NOT OFFERED	C Grade in IGCSE Art	C Grade in AS Painting
ART: PHOTOGRAPHY	NOT OFFERED	C Grade in IGCSE Art	C Grade in AS Photography

COMMERCE FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ECONOMICS	Year 10 Business Studies	C Grade in IGCSE Economics	C Grade in AS Economics

ENGLISH FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ENGLISH	COMPULSORY	C Grade in IGCSE English	14 Credits in Level 2 English C Grade in AS English

HUMANITIES FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
CLASSICAL STUDIES	Year 10 Humaninities	Year 11 Classics/History	C Grade in AS Classics
GEOGRAPHY	Year 10 Humanities	C Grade in IGCSE Geography/English	C Grade in AS Geography
HISTORY	Year 10 Humanities	C Grade in IGCSE History/ English	C Grade in AS History

LANGUAGES FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
FRENCH	Year 10 French	C Grade in IGCSE French	C Grade in AS French
MANDARIN CHINESE	Year 10 Mandarin	Not Offered at AS Level	Not Offered at A Level

MATHEMATICS FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
MATHEMATICS	COMPULSORY	C Grade in IGCSE Mathematics	C Grade in AS Mathematics

MUSIC FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
MUSIC	Year 10 Music/ Equivalent Qualification	IGCSE/NCEA Level 1 Music	IGCSE/AS/NCEA Level 1 Music

PHYSICAL EDUCATION (PE) FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
PHYSICAL EDUCATION	Year 10 Physical Education	C Grade in IGCSE PE	C Grade in AS PE

SCIENCE FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
BIOLOGY	Year 10 IG Combined Science*	C Grade in IGCSE Biology	C Grade in AS Biology
CHEMISTRY	Year 10 IG Combined Science*	C Grade in IGCSE Chemistry	C Grade in AS Chemistry
PHYSICS	Year 10 IG Combined Science*	B Grade in IGCSE Physics	C Grade in AS Physics

* One Science subject is compulsory in Year 10 (IGCSE Level). If students wish, they may choose other Science subjects as part of their three options.

TECHNOLOGY FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
DESIGN & TECHNOLOGY (Product Design)	Year 10 DVC	C Grade in IGCSE D&T (Product Design)	C Grade in AS D&T (Product Design)
HARVARD COMPUTER SCIENCE	By application to Mr Bridges	NOT OFFERED	NOT OFFERED

THEOLOGY & PHILOSOPHY FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
Theology & Philosophy	COMPULSORY	COMPULSORY	COMPULSORY

NOTE: Entry into some subjects without prerequisites is still possible with Head of Faculty approval

CAIE A LEVEL COMPULSORY SUBJECT OUTLINE

THEOLOGY & PHILOSOPHY FACULTY

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

Year 13 SPC

ENTRY REQUIREMENTS	CREDITS	COURSE COSTS
12 credits from Year 12 SPC or permission from the Head of Faculty or the Deputy Headmaster Curriculum	24	\$16

COURSE DESCRIPTION

Year 13 SPC offers 4 achievement standards, each worth 6 credits, each assessed internally.

The first standard compares and contrasts Christian and secular worldviews. Either the book of Genesis or the Book of Revelation takes centre stage in the second standard comparing the literalist and historical-critical interpretations of such famous stories as creation, the fall and the flood or such symbols as the beast, 666 and the seventh seal.

In the third standard students explore the founding of the Catholic Church in Aotearoa New Zealand and the effect it has had on society today; while in the last they look at the Catholic Church's understanding of the ethics of abortion.

Year 13 Waikato

ENTRY REQUIREMENTS	QUALIFICATION	COURSE COSTS
Students must apply to and be accepted by the University of Waikato. Minimum requirements to apply: CAIE: 170 points. NCEA: Level 2 Merit Endorsement (50 credits at Merit or above).	University of Waikato paper in Ethics	\$16

COURSE DESCRIPTION

St Peter's College has teamed up with the University of Waikato to offer students a first-year university correspondence paper in Moral Philosophy. Coordinated and led by a teacher from St Peter's College, students begin the two-term course by studying contemporary ethical theories: Utilitarianism, Deontology/Kantian Ethics and Virtue Ethics. They then progress to debates in applied ethics including euthanasia, abortion, animal rights, privacy, justification of criminal punishment, genetic enhancement, pornography and freedom of expression.

Students submit three research essays online, demonstrating both understanding and critical philosophical engagement with one moral theory and two issues in applied ethics. They are also assessed once a week for their willingness and ability to discuss and debate these topics rationally in class.

Year 13 CAIE: PreU Theology & Philosophy

ENTRY REQUIREMENTS	QUALIFICATION	COURSE COSTS
Successful completion of year 12 Pre-University Theology and Philosophy	CAIE Pre-U Theology and Philosophy	\$16

COURSE DESCRIPTION

Having completed in year 12, the first two parts of the Pre-University Theology and Philosophy course (an introduction to Philosophy and Philosophy of Religion), for part three year 13 students take on Philosophy of Mind. Philosophy of Mind looks at the mind-body problem, the attempts to solve the mind-body problem, personal identity, and consciousness. The three-part CAIE exam is sat in May and June of year 13.

END OF COMPULSORY SUBJECT OUTLINE

CAIE A LEVEL OPTIONAL SUBJECT OUTLINES:

STUDENTS MUST CHOOSE FOUR

ACCOUNTING FACULTY

Head of Faculty: Ms Danielle Kiely, dkiely@st-peters.school.nz

A Level Accounting

ENTRY REQUIREMENTS

at least C in AS Accounting

LEADS INTO

Tertiary education as this is a university approved subject

COURSE COSTS

NIL

COURSE DESCRIPTION

This course follows on directly from the AS Accounting option and therefore boys must complete the AS course in order to progress to A Level. This syllabus challenges boys to develop their financial and managerial skills to a higher degree than that has been learned across the AS Accounting course in a variety of modern economic and business contexts. A Level is a natural progression from AS with a development of skills that integrate directly with level one Commerce University courses.

Students will study the following topics:

Financial Accounting

- 1) Preparation of financial statements
 - a) Manufacturing businesses
 - b) Not for profit organisations
 - c) Limited companies
 - d) International Accounting Standards
 - e) Auditing and stewardship of limited companies
- 2) Business purchase and merger
- 3) Consignment and Joint venture accounts
- 4) Computerised accounting systems
- 5) Analysis and communication of accounting information

Cost and Management Accounting

- 1) Activity based costing (ABC)
- 2) Budgetary and budgetary control
- 3) Standard Costing
- 4) Investment appraisal

ART FACULTY

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

CAIE A Level – Digital Media & Design: Graphic Design

ENTRY REQUIREMENTS	COURSE COSTS
C grade in AS Digital Media & Design	\$20 materials

COURSE DESCRIPTION

A Level Digital Media and Design is part of a two year course. It is compulsory to have completed AS Digital Media and Design to continue on to this level. Students are required to complete a Personal Investigation which is made up of two parts, one practical and one written. Students select one of the given themes for the year and produce work based on a brief. This will include research of the topic including traditional and contemporary artists. Drawing will be used to gather information and this is used to inform, develop and extend ideas in the creation of new work. The emphasis for this year is to fully resolve ideas in the final work. Along side the coursework students need to analyse the work of others.

A Level Digital Media and Design can be studied in Graphic Design.

CAIE A Level – Art & Design: Painting

ENTRY REQUIREMENTS	COURSE COSTS
C grade in AS Art and Design	\$90 materials and printing fee

COURSE DESCRIPTION

A Level Art and Design is part of a two year course. It is compulsory to have completed AS Art and Design to continue on to this level. Students are required to complete a Personal Investigation which is made up of two parts, one practical and one written. Students choose a theme for the year and produce work based on this. This will include research of the topic including traditional and contemporary artists. Drawing will be used to gather information and this is used to inform, develop and extend ideas in the creation of new work. The emphasis for this year is to fully resolve ideas in the final work. Along side the coursework students need to analyse the work of others.

A Level Art & Design can be studied in Painting or Photography.

CAIE A Level – Art & Design: Photography

ENTRY REQUIREMENTS	COURSE COSTS
C grade in AS Art and Design	\$130 materials and printing fee

COURSE DESCRIPTION

A Level Art and Design is part of a two year course. It is compulsory to have completed AS Art and Design to continue on to this level. Students are required to complete a Personal Investigation which is made up of two parts, one practical and one written. Students choose a theme for the year and produce work based on this. This will include research of the topic including traditional and contemporary artists. Drawing will be used to gather information and this is used to inform, develop and extend ideas in the creation of new work. The emphasis for this year is to fully resolve ideas in the final work. Along side the coursework students need to analyse the work of others.

A Level Art & Design can be studied in Painting or Photography.

COMMERCE FACULTYHead of Faculty: Mr Steve Rewcastle, srewcastle@st-peters.school.nz**A Level Economics**

ENTRY REQUIREMENTS	LEADS INTO	COURSE COSTS
at least C in AS Economics	Tertiary education as this is a university approved subject	NIL

COURSE DESCRIPTION

This course follows on directly from the AS Economics option and therefore boys must complete the AS course in order to progress to A Level. The syllabus challenges boys to develop their thinking skills in considering the Economic, social and political impact of current events to economic theory that has been learned across the AS and A Level Economic course. The course covers the major areas of Microeconomics, Market Failure, Government Intervention and Macroeconomics. A Level is a natural progression from AS with a development of skills that integrate directly with Level 1 Commerce University courses.

ENGLISH FACULTYHead of Faculty: Mr Stacy Humpage, shumpage@st-peters.school.nz**English**

ENTRY REQUIREMENTS	COURSE COSTS
at least a C in AS English	\$15

COURSE DESCRIPTION

This course consists of two papers; Shakespearean and Other Pre-Twentieth Century Literature (Paper 5), and Twentieth Century Literature (Paper 6). Students will be expected to adopt an academic approach to prescribed texts, developing an in-depth and nuanced understanding of a text's central concerns, a sensitivity to how language creates meaning, and a thorough knowledge of relevant contextual details. In addition to this, students will be introduced to critical perspectives on texts and learn how to engage with the critical discourse that has developed in response to texts and authors. This is a demanding, but also very enriching, course. Students will have the opportunity to encounter a wide range of Literature, from William Shakespeare's canonical plays, to more contemporary works that make bold departures from tradition. This course prepares students for further study in a range of disciplines at tertiary level due to the high levels of analysis, critical thinking, intertextuality and argumentation.

HUMANITIES FACULTY

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

A Level Classical Studies

ENTRY REQUIREMENTS

C grade in AS Classical Studies

COURSE COSTS

Topic Booklets, \$45

COURSE DESCRIPTION

Follow on from AS Classical Studies. A-Level Classical Studies is a significant step up from AS Classics. Topics are broader and cover a wide range of themes, ideologies of content in order for students to piece together a more holistic view of ancient society.

Cambridge A Level Classical Studies is made up of two topics: history and literature.

- The history topic analyses the Persian and Peloponnesian Wars and the relationships between Athens and her neighbours including Sparta. Athens and Sparta had different approaches to government and battle strategy and both aspects are analysed in depth. The thematic undertone throughout the topic is the influence of democracy on the growth of the Athenian Empire.
- The literature topic, analysing the Iliad the Odyssey, and the Aeneid allows students to consider the actions of Homeric heroes and their interactions with the gods. The thematic undertone is the motivation of both Virgil and Homer as poets and how their works are reflective of societal ideologies.

A Level Geography

ENTRY REQUIREMENTS

C Grade in AS Geography, a B grade in AS Geography is recommended for success in A Level geography

COURSE COSTS

Students are encouraged to purchase the course Study Guide, which covers both the AS and A Level Geography syllabus. The book can be ordered online from Book Depository and costs approximately NZ\$30 including shipping. Cambridge International AS and A Level Geography Revision Guide. ISBN: 978 144441 81487

COURSE DESCRIPTION

The A2 Geography course is a continuation of the AS Geography course. This course aims to develop candidates' awareness of the relevance of geographical analysis to understanding and solving contemporary human and environmental problems. The course introduces candidates to the main elements of Physical and Human Geography and the inter-relationships between these components. It encourages an understanding of the principal processes operating at different scales within Physical and Human Geography; develops candidates' sense of relative location, including an appreciation of the complexity and variety of natural and human environments; and explains the causes and effects of change over space and time on the natural and human environments. The course aims to develop candidates' ability to handle and evaluate different types and sources of information; develop candidates' ability to think logically, and to present an ordered and coherent argument in a variety of ways; and to promote candidates' awareness of the need for understanding, respect and co-operation in conserving the environment and improving the quality of life both at a global scale and within the context of different cultural settings.

Topic areas: Advanced Physical Geography: Two of the following themes will be studied: Tropical environments; Coastal environments; Hazardous environments; Arid and semi-arid environments.

Advanced Human geography: two of the following themes will be studied – Production, location and change; Environmental management; Global interdependence; Economic transition.

Assessment: TWO one-and-a-half-hour exam papers are written at the end of the year, which covers all aspects of the syllabus – but does offer some choice of questions. These examinations will be timetabled for the same date and session, with a short break between papers.

HUMANITIES FACULTY continuedHead of Faculty Mr Jakub Kalinowski, jkalinowski@st-peters.school.nz**A Level History****ENTRY REQUIREMENTS**

C Grade in AS History

COURSE COSTS

\$10

COURSE DESCRIPTION

This course builds upon the skills and knowledge attained in the A.S. History programme. This course is only open to Year 13 students who have successfully completed the A.S. History component the year before.

The revised syllabus first introduced in 2015 looks at a new style of assessment (two exams instead of one), whilst retaining the majority of the content of the old programme – The Cold War. Students who are interested in the world around them today will enjoy learning about the challenges, conflicts and controversies of the Cold War period, which have helped to shape our contemporary world as we know it. There is an interpretations/source-based component, which focuses on the writing of history (historiography). Additionally, there is a content-based component, which examines students' writing, analysis and argument skills.

The syllabus aims to develop:

- A greater knowledge and understanding of historical periods or themes
- A greater awareness of historical concepts such as cause and effect, similarity and difference, and change and continuity
- An appreciation of the nature and diversity of historical sources available, and the methods used by historians
- An exploration of a variety of approaches to different aspects of history and different interpretations of particular historical issues
- The ability to think independently and make informed judgements on issues
- An empathy with people living in different places and at different times
- A firm foundation for further study of History at tertiary level

The main topics taught are:

- The Origins of the Cold War (historical interpretations focus only)
- The 'thaw' of the 1950's and peaceful co-existence between the superpowers
- The Globalisation of the Cold War (including wars in Korea, Vietnam and the Cuban Missile Crisis)
- The Nuclear Arms Race, the Space Race and the moves to limit nuclear weapons
- The Period of Détente (the 1970's)
- The Second Cold War (the 1980's)
- The Collapse of Communism in the USSR and Eastern Europe

LANGUAGES FACULTY

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

A Level French

ENTRY REQUIREMENTS

D grade in AS French

COURSE COSTS

\$30 Language Perfect Subscription
DELF (cost varies) optional

COURSE DESCRIPTION

This course follows the same work as AS French with an additional literature exam. Students at this level are able to communicate confidently and are able to read a wide range of genuine texts. The literature component consists of 3 novels or plays, which change each year. There are 4 exams, each worth 25%: Reading and Guided writing, Speaking, Essay and Literature.

Students may also sit the international DELF exam (optional)

Year 13 Chinese for CIE students

ENTRY REQUIREMENTS

Year 12 Chinese
IGSCE Chinese with D grade

COURSE COSTS

\$30 Language Perfect Subscription
HSK - \$100 (examination costs vary)
AUT (examination costs vary)

COURSE DESCRIPTION

Students learn to communicate sophisticated information and opinions through more complex text types, exploring the views of others and developing and sharing personal perspectives. They are able to engage in sustained conversation and write extended texts.

There are 3 qualifications available to year 13 Chinese

Students sit the **HSK L4 international examination** which is the eligibility level for applications for scholarships to study at Chinese universities.

Students may complete the **NCEA level 3 requirements**

The **AUT online Chinese paper** is also available for all Year 13 Chinese students (in Term 1 and 2). This is a 15 credit university course that contributes to students' bachelor degree in the future.

MATHEMATICS FACULTY

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

A Level Mathematics

ENTRY REQUIREMENTS

Must have 60% or higher in AS Mathematics

COURSE COSTS

NIL

COURSE DESCRIPTION

This course is made up of 2 Papers: Pure Mathematics 2 (Paper 3) and Statistics 2 (Paper 6). Pure Mathematics 2 (Paper 3) has the following topics: trigonometry, differentiation, integration, iteration, vectors, the binomial expansion, complex numbers and differential equations. Statistics 2 (Paper 6) has the following topics: Poisson distribution, linear combinations of random variables, continuous random variables, sampling, estimation and hypothesis testing. Paper 3 is worth 75 marks and has an exam length of 1 hour and 50 minutes. Paper 6 is worth 50 marks and has an exam length of 1 hour and 15 minutes.

PHYSICAL EDUCATION FACULTY

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

A Level Academic Physical Education

COURSE COSTS

Textbook and course-related costs \$50

COURSE DESCRIPTION

A-Level Physical Education consists of two components:

ONE (70%):

This is a written paper to be assessed externally in a 2.5 hr examination. It will consist of 3 sections:

- 1) Exercise and Sport Physiology
- 2) Psychology of Sport Performance
- 3) Olympic Games: A global perspective

TWO (30%):

This is Coursework in which candidates will follow a minimum of two activities offered. Assessments will take place in conditioned competitive situations.

In addition, candidates will be assessed on their verbal ability to evaluate and appreciate performance through observation and synopsis of knowledge on one of their chosen activities. This will be internally assessed and externally moderated by CAIE.

SCIENCE FACULTY

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

A Level Biology**ENTRY REQUIREMENTS**

A, B or C in AS Biology

COURSE COSTS

Course Manual \$40

COURSE DESCRIPTION

A Level Biology is a course which completes the full double award A Level in Biology. A Level Biology is the second half of the CAIE A Level syllabus. The course expands on skills and attitudes developed in AS Biology. A Level Biology is assessed by a structured question paper and a planning, analysis and evaluation paper based on practical skills.

A Level Chemistry**ENTRY REQUIREMENTS**

A,B or C in AS Chemistry

COURSE COSTS

Workbook, \$30

COURSE DESCRIPTION

A Level Chemistry is a course which completes the full double award A Level in Chemistry. A Level Chemistry is the second half of the CAIE A Level syllabus. The course expands on skills and attitudes developed in AS Chemistry. A Level Chemistry is assessed by a structured question paper and a planning, analysis and evaluation paper based on practical skills. A Level examinations are held in October/November. The final A Level grade is based on an average of AS and A Level grades.

A Level Physics**ENTRY REQUIREMENTS**

A, B or C in AS Physics

COURSE COSTS

Workbook, \$30

COURSE DESCRIPTION

A Level Physics is a course which completes the full double award A Level in Physics. A Level Physics is the second half of the CAIE A Level syllabus. The course expands on skills and attitudes developed in AS Physics. A Level Physics is assessed by a structured question paper and a planning, analysis and evaluation paper based on practical skills. A Level examinations are held in October/November. The final A Level grade is based on an average of AS and A Level grades

TECHNOLOGY FACULTY

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

A Level Design & Technology (Product Design)

COURSE COSTS

\$125

COURSE DESCRIPTION

Entry Requirement: you must be a year 13 student with prior knowledge gained in Design Technology with at least a "C" pass during AS Level

This course is a continuation of AS Design and Technology. Candidates grades from AS and A Level are combined to form the overall grade for the subject.

A Level Design and Technology consists of two components:

- 1) **Component 04:** This is a portfolio for a spatial design completed in class. This is weighted at 40% of the overall grade. Candidates are expected to develop their AS Level project further, going more depth to resolve the design to an appropriate standard. Candidates use their outcome from AS to develop, plan for production, make a prototype, and exhibit this outcome to an audience.

Please note that candidates can start a new project in A Level but must complete the criteria from AS level AND A Level in their design portfolio.

- 2) **Component 33:** This is a written paper weighted at 60% of the overall grade completed during end of the year examinations. The paper is completed in 3 hours and split into 2 sections. Section A tests candidates material and manufacturing knowledge in the form of short written answers, long answers, and quick sketching. Section B requires candidates to design an original outcome to a given problem using a variety of drawing techniques combined with annotation and analysis.

CAIE A LEVEL COURSE PLANNER FOR:

Name: _____

A LEVEL COMPULSORY SUBJECT	
Subject 1	Theology & Philosophy
A LEVEL FOUR OPTIONAL SUBJECTS	
Subject 1	
Subject 2	
Subject 3	
Subject 4	