

**St Peter's College**

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# **Scholarship Exams 2020**

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# SCHOLARSHIP EXAMS OUTLINE 2020

## 2020 SCHOLARSHIP OUTLINE

NZQA Scholarship Exams represent the pursuit of academic excellence at the highest possible secondary school level.

Scholarship is awarded to the top 3% of Year 13 students in New Zealand studying each subject. St Peter's College expects all able students, from both the CAIE and NCEA pathways, to test themselves at the national level that Scholarship exams afford.

The values of Scholarship success are numerous: Universities give weight and recognition to the results;

If a Scholarship(s) is obtained there is an associated monetary award to aid the students with their future studies; Prospective employers will notice success in Scholarship as a symbol of intellect and work ethic.

As a general guide, CAIE students should enrol in Scholarship Exams for all subjects in which they achieved a high B or above in IGCSE and/or all subjects in which they are attaining at 70% and above in internal course work and exams during Year 12. NCEA students should enrol in Scholarship Exams for all subjects in which they are achieving predominantly at the Excellence Level.

All St Peter's Scholarship Students are expected to attend all Scholarship classes, both in and outside of school hours. And all St Peter's Scholarship Students are expected to sit all the Scholarship Exams that they have enrolled for.

This will require consistency of work ethic, advanced planning, and overall academic commitment. Additionally, Scholarship success requires lateral, critical and creative thought.

The student must go beyond knowledge of content to the critical analysis of ideas and concepts, and they must display understanding of the implications of such analysis. Study towards a Scholarship examination should start at the beginning of the year 13 academic year.

Final approval to enter the St Peter's Scholarship program is with Mr Kingdon.

### **COSTS:**

**Domestic students** - No charge

**International students** - \$102.20 for each scholarship subject (e.g. 3 scholarship subjects – total cost \$306.60)

## **SUBJECTS OFFERED (Faculty: Subject)**

- |                           |                                          |                            |
|---------------------------|------------------------------------------|----------------------------|
| 1. Accounting: Accounting | 8. Humanities: Classical Studies         | 15. Music: Music           |
| 2. Art: Design            | 9. Humanities: Geography                 | 16. PE: Physical Education |
| 3. Art: Painting          | 10. Humanities: History                  | 17. Science: Biology       |
| 4. Art: Photography       | 11. Languages: Chinese                   | 18. Science: Chemistry     |
| 5. Commerce: Economics    | 12. Languages: French                    | 19. Science: Physics       |
| 6. English: English       | 13. Languages: Te Reo Māori              | 20. Technology: DVC        |
| 7. English: Media Studies | 14. Mathematics: Calculus and Statistics |                            |

## SCHOLARSHIP MONETARY REWARDS

Scholarship Award	Description	Value
<b>Single Subject</b>	For candidates who gain <b>scholarship</b> in <b>1-2 subjects</b>	<b>\$500 per subject (maximum \$1000)</b>
<b>Top of Subject</b>	For <b>top candidate</b> in each one of <b>33 scholarship subjects</b>	<b>\$2,000 per year for up to 3 years*</b>
<b>Scholarship Award</b>	For students who get <b>scholarship in 3 subjects</b>	<b>\$2,000 per year for up to 3 years*</b>
<b>Outstanding Scholarship Award</b>	For students with <b>3 scholarships</b> with at least <b>2 at outstanding</b> , or <b>&gt; 3 scholarships</b> with at least <b>1 at outstanding</b> (40-60 students)	<b>\$5,000 per year for up to 3 years*</b>
<b>Premier Award</b>	For the <b>top 5-10 students in NZ</b> with at least <b>3 outstanding scholarships</b> gained <b>in same year</b>	<b>\$10,000 per year for up to 3 years*</b>

\* provided B grade average maintained at university

## SCHOLARSHIP SUBJECTS OFFERED IN 2020

### ACCOUNTING FACULTY

Head of Faculty: Ms Danielle Kiely, [dkiely@st-peters.school.nz](mailto:dkiely@st-peters.school.nz)

#### Accounting Scholarship Level 4

##### COURSE DESCRIPTION

Year 13 Accounting Scholarship is based upon the curriculum laid out for NCEA Level 3 Accounting. There are four questions covering the following topics:

1. A combination of a statement of comprehensive income and/or statement of financial position and/or a statement of changes of equity, and accompanying notes for a company, prepared for external reporting purposes
2. Demonstrating understanding of management accounting to inform decision-making
3. The New Zealand Equivalent to the IASB Framework for Financial Reporting 2010 (NZ Framework)
4. A current issue (resources to be provided). Candidates will be required to write a critical response to this question, using the resources provided. Interpretation of the resources provided will be required. Independent and critical thinking will be required to respond to an unfamiliar scenario.

Students sitting A Level and Level 3 Accounting will be highly suited to Scholarship Accounting.

##### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

### ART FACULTY

Head of Faculty: Ms Nichola Barnden, [nbarnden@st-peters.school.nz](mailto:nbarnden@st-peters.school.nz)

#### Design Scholarship Level 4

##### COURSE DESCRIPTION

Involves producing workbook pages that run alongside their Level 3 Design external folio submission. Students need to submit a photograph of their folio boards and 8 x A3 pages in a clearfile. These pages show the thinking behind the work on the boards. Pages can include brainstorming, research, emulations, small studies, artist examples, photographs, and plans for work that could continue outside of the boards.

##### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

#### Painting Scholarship Level 4

##### COURSE DESCRIPTION

Involves producing workbook pages that run alongside their Level 3 Painting external folio submission. Students need to submit a photograph of their folio boards and 8 x A3 pages in a clearfile. These pages show the thinking behind the work on the boards. Pages can include brainstorming, research, emulations, small studies, artist examples, photographs, and plans for work that could continue outside of the boards.

##### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## ART FACULTY continued

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

### Photography Scholarship Level 4

#### COURSE DESCRIPTION

Involves producing workbook pages that run alongside their Level 3 Photography external folio submission. Students need to submit a photograph of their folio boards and 8 x A3 pages in a clearfile. These pages show the thinking behind the work on the boards. Pages can include brainstorm, research, emulations, small studies, artist examples, photographs, and plans for work that could continue outside of the boards.

#### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## COMMERCE FACULTY

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

### Economics Scholarship Level 4

#### COURSE DESCRIPTION

Year 13 Economics scholarship is based upon the curriculum laid out for NCEA Level 3 Economics. The topics covered in that course are taken and are to be applied to relevant and recent Economic developments within a NZ context the 2018 scholarship exam asked three essay questions based upon (1) Microeconomics: tourist accommodation in the internet age; (2) Market Failure: use and management of single use plastic bags; and (3) Macroeconomics: Monetary Policy and the Reserve Bank Act.

Students sitting A level Economics will be highly suited to Scholarship Economics as well as by the time they complete AS and A level they will have covered all the topics in the NCEA level 3 syllabus, giving the CAIE students a good chance to obtain a scholarship as well.

#### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# ENGLISH FACULTY

Head of Faculty: Mr Stacy Humpage, [shumpage@st-peters.school.nz](mailto:shumpage@st-peters.school.nz)

## English Scholarship Level 4

### COURSE DESCRIPTION

The English Scholarship programme gives students the opportunity to approach key texts and subject-related issues from a perspective that is similar to that which they will find at tertiary level study. Students will draw on their knowledge of English and other disciplines, past and present social and cultural movements, as well as critical discourse and literary theory. They will learn to synthesise this knowledge and apply it to texts and issues in a highly critical way. The comprehensive content knowledge and high-level critical evaluation involved in the programme are highly relevant, not only for further academic study in a range of disciplines beyond English (including History, Philosophy, Linguistics and Law), but also to the development of a more mature and sophisticated approach to opinions and ideas.

English Scholarship lessons are not unlike University. Students will be expected to have completed any required reading in order to take part in discussions from a well-informed point-of-view. They will be challenged by their teacher and their peers to articulate their opinions and ideas in a way that is concise and convincing. In turn, they will develop skills in properly appreciating views that may conflict with their own.

In short, this programme will challenge their assumptions and encourage greater complexity and critical evaluation in their thinking.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## Media Studies Scholarship Level 4

### COURSE DESCRIPTION

The English Scholarship programme gives students the opportunity to approach key texts and subject-related issues from a perspective that is similar to that which they will find at tertiary level study. Students will draw on their knowledge of English and other disciplines, past and present social and cultural movements, as well as critical discourse and literary theory. They will learn to synthesise this knowledge and apply it to texts and issues in a highly critical way. The comprehensive content knowledge and high-level critical evaluation involved in the programme are highly relevant, not only for further academic study in a range of disciplines beyond English (including History, Philosophy, Linguistics and Law), but also to the development of a more mature and sophisticated approach to opinions and ideas.

English Scholarship lessons are not unlike University. Students will be expected to have completed any required reading in order to take part in discussions from a well-informed point-of-view. They will be challenged by their teacher and their peers to articulate their opinions and ideas in a way that is concise and convincing. In turn, they will develop skills in properly appreciating views that may conflict with their own.

In short, this programme will challenge their assumptions and encourage greater complexity and critical evaluation in their thinking.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# HUMANITIES FACULTY

Head of Faculty Mr Jakub Kalinowski, [jkalinowski@st-peters.school.nz](mailto:jkalinowski@st-peters.school.nz)

## Classical Studies Scholarship Level 4

### COURSE DESCRIPTION

The Scholarship exam rewards top Classics students with an academically distinguishing qualification as well as a monetary prize. It provides a challenging task for senior Classics students to undertake. The exam proper requires students to demonstrate high levels of analysis and critical thinking synthesised with precise, concise and logically developed answers; for the outstanding scholars, answers will further demonstrate significant levels of sophisticated insight, perception and independent reflection.

As of 2013, the updated exam format requires students to use their knowledge of the classical world (specifically the ancient contexts of Greece, Rome and the Near East) to demonstrate their ability to think critically about the ideas and values of the classical world. They will communicate their understanding through the use of primary and secondary source evidence in a range of integrated contexts, which may include history, literature, philosophy, architecture and / or art. Students at year 12 who are confident in their ability are encouraged to enter the class and learn the skills, with the aim of sitting the exam at year's end. All students in the A-level pathway will look to undertake it in their year 13 year.

In terms of specific skills, students who are confident writers, abstract and analytical thinkers, and proficient in communicating their ideas with sophistication are also encouraged.

The exam itself has two sections:

**Section A** - students need to choose two questions from an extensive list of ancient contexts. Our students are encouraged to choose those sections that directly overlap with content from the year 12 or year 13 courses:

- Alexander the Great
- Athenian Vase painting
- Virgil's Aeneid
- Homer's Iliad

Candidates will be required to draw on their knowledge from the CAIE course content, as well as specific content from Scholarship tutorials and their own wider reading.

**Section B** - students will be provided with 16 sources from either a Greek or Roman context; the sources will cover history, literature, architecture and art. Students will be asked a question reflective of either:

- Death and the Afterlife, with specific focus on attitudes to death and ritual;
- Empire and power, with specific focus on attitudes to warfare and conquest

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# HUMANITIES FACULTY continued

Head of Faculty Mr Jakub Kalinowski, [jkalinowski@st-peters.school.nz](mailto:jkalinowski@st-peters.school.nz)

## Geography Scholarship Level 4

### COURSE DESCRIPTION

The NCEA Geography Scholarship Programme is open to students in the NCEA and CAIE programmes at St. Peter's College. It is recommended that NCEA students should have achieved a Merit endorsement in Level 2 Geography to be successful in the course. CAIE students should have achieved an "A" or "B" grade in AS Geography.

### NATURE OF THE COURSE

#### Outcome Description

The student will use knowledge of geography to critically analyse a geographic context.

#### Scholarship Performance Descriptor

The student will demonstrate aspects of high level:

- analysis and critical thinking
- integration, synthesis, and application of highly developed knowledge, skills, and understanding to complex situations
- logical development, precision and clarity of ideas.

#### Outstanding Performance Descriptor

In addition to the requirements for Scholarship, the student will also demonstrate, in a sustained manner, aspects of:

- perception and insight
- sophisticated integration and abstraction • independent reflection and extrapolation • convincing communication.

### EXAMINATION

- Every year the Geography Scholarship Examination is based around a theme. Previous themes were, for example: Urbanisation; Deforestation; Rare Earth Minerals, the significance of geographic location.
- Resource materials (such as maps, text, photographs, models, graphs, tables and cartoons) related to this theme will be provided, to assist candidates within this geographic context.
- Candidates will be required to complete questions that involve selecting, extracting, analysing, processing, predicting, justifying, and presenting information. Candidates will be required to include relevant original visuals that will enhance their answers.
- Candidates will be expected to demonstrate understanding of a range of geographic perspectives and to use their geographic knowledge, skills, ideas, and understanding to support their answers.
- Candidates should use coloured pencils in their diagrams / maps. Annotations on these diagrams / maps must be in pen. Any work done in pencil will not be eligible for reconsideration.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# HUMANITIES FACULTY continued

Head of Faculty Mr Jakub Kalinowski, [jkalinowski@st-peters.school.nz](mailto:jkalinowski@st-peters.school.nz)

## History Scholarship Level 4

### COURSE DESCRIPTION

The Scholarship exam rewards top History students with an academically distinguishing qualification as well as a monetary prize. It provides a challenging task for senior History students to undertake. Scholarship students are required to demonstrate high-level critical thinking, write with confidence and persuasion, and be able to integrate, synthesise and apply own knowledge.

Students who gain good grades at CAIE AS History and/or NCEA Level 2 History are encouraged to do this exam. Additionally, confident writers, abstract thinkers as well as good English students can make ideal candidates for this exam.

Scholarship workshops are provided to the students to adequately prepare them for the exam. Most of these are run during intervals and lunchtimes, as well as online through platforms like OneNote.

#### Focus of the exam:

The focus/theme of the exam changes from year to year. Past years have focussed on topic areas such as 'war as a force of change', 'the turning points of history' and 'populism as a historical force'.

#### Exam format:

The new exam format (since 2013) is decontextualised (not simply reliant on specific historic content knowledge or one specific context). However, students are strongly encouraged to apply their own knowledge and information gained from their learning of History from years 11-13 to the given focus area. The 3-hour exam asks student to write one essay using a set of 10-15 resources (primary and secondary) as well as their own knowledge. Candidates will be required to evaluate the evidence from the given sources and produce a convincing piece of formal writing.

#### Assessment criteria:

Candidates must demonstrate their ability to:

- use highly developed knowledge to analyse and think critically about key historical ideas, and to develop an argument that demonstrates an understanding of a complex historical context(s) and setting(s).
- synthesise a highly-developed understanding of the context with ideas drawn from both the resource booklet provided and their own knowledge of complex historical contexts.
- evaluate historical relationships such as cause and effect, continuity and change, past and present, specific and general, and patterns and trends.
- judge the reliability and usefulness of historical evidence, and evaluate the strengths and limitations of historians' narratives

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# LANGUAGES FACULTY

Head of Faculty: Mrs Margaret Ubels-Rattra, [mubels@st-peters.school.nz](mailto:mubels@st-peters.school.nz)

## Chinese Scholarship Level 4

### COURSE DESCRIPTION

The 3 hour scholarship exam requires candidates to:

1. write a response in Chinese to a recorded spoken passage in Chinese
2. write a response in English to a passage written in Chinese
3. speak for 3-4 minutes in Chinese about the theme of the examination in response to a question in Chinese.

To be eligible you need a high level of writing accuracy, of vocabulary knowledge and to be able to understand complex spoken Chinese.

In addition, you must have the ability to interpret and independently reflect on the stimulus material given and then effectively communicate your opinions with sophistication and style, in a natural way, and in a manner that is sustained, fluent, flexible and convincing in both English and Chinese.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## French Scholarship Level 4

### COURSE DESCRIPTION

The 3 hour scholarship exam requires candidates to:

1. write a response in French to a recorded spoken passage in French
2. write a response in English to a passage written in French
3. speak for 3-4 minutes in French about the theme of the examination in response to a question in French.

To be eligible you need a high level of writing accuracy, of vocabulary knowledge and to be able to understand complex spoken French.

In addition, you must have the ability to interpret and independently reflect on the stimulus material given and then effectively communicate your opinions with sophistication and style, in a natural way, and in a manner that is sustained, fluent, flexible and convincing in both English and French.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# LANGUAGES FACULTY continued

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

## Te Reo Māori Scholarship Level 4

### COURSE DESCRIPTION

E toru haora te roa o tēnei whakamātautau ā waho. E rua ngā wāhanga o te whakamātautau nei. Me mahi te katoa o ngā wāhanga.

Te Takotoranga

WĀHANGA TUATAHI: PĀNUI me te TUHITUHI

Ka whakaatu te ākongā i tōna matatau ki te whakamahi i ōna pūkenga reo torohū (pānui) i ōna pūkenga reo whakaputa hoki (tuhinga roa) kia āta whakaō i ngā kaupapa huhua.

Tūmahi tuatahi: Pānui aroā

- Atu ki te rua whārangi te roa o te pānuitanga
- He reo uaua te momo, ā, he kaupapa e kōrero ana mō tētahi tikanga, tētahi kaupapa rānei o te ao Māori.

Tūmahi tuarua: Tuhituhi

- Atu ki te rima rau kupu te roa o te tuhinga, ā, me reo Māori te katoa
- He tuhinga whai take, tautohe whakapakepake whakawhere rānei
- Me whakamahi tika i ngā tūāhuatanga o te reo ōkawa, o te reo ōpaki
- Me tika te whakatakoto me ngā āhuatanga o te wetewete reo
- Me whiri ngā rerenga ōrite i te pānuitanga.

WĀHANGA TUARUA: WHAKARONGO me te KŌRERO

Tūmahi tuatoru: Whakarongo (he whakapāohotanga)

- He momo kōrero te hanga
- E toru ngā wā ka rongō ai te ākongā i te whakapāohotanga
- Me tiki ngā kiwaha i te kōrero hei whakamārama i te matū
- Tekau mā rima meneti anō te roa mō te whakarāpopoto kōrero, ā, me kaha arohaehae, me tīpako hoki i ngā whakatau, i ngā ariā o ngā taha e rua
- Ka kohikohia e te kaiwhakahaere i ngā pukapuka whakamātautau katoa
- Ka tatari te ākongā mō tōna wā hopu reo.

Tūmahi tuawhā: Kōrero

- E rima meneti te roa o te whakaputa kōrero, ā, he kōrero tene te hanga
- Ka haere te ākongā ki ruma noa ātu, ki te hopu i tōna reo ki te kōpae, kāore hoki e ahei te hari pepa, te hari rauemi tautoko ki te rūma nei
- Mā te ākongā anō tētahi kaupapa e āta kōrero, e āta kōtuitui i ōna mōhiotanga
- Ka hopukina te kōrero tene e te kaiwhakahaere, ā, ka waitohu hoki te ākongā i tana kōpae
- Ka oti te whakamātautau.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## MATHEMATICS FACULTY

Head of Faculty: Mr Kevin Heeney, [kheeney@st-peters.school.nz](mailto:kheeney@st-peters.school.nz)

### Mathematics Scholarship Level 4

#### Calculus and Statistics

##### COURSE DESCRIPTION

The course seeks to prepare students to sit both the Calculus and the Statistics Scholarship Examinations. It is a timetabled class called **Scholarship Mathematics** and approximately equal time will be given to each subject. Students will be expected to complete weekly assignments throughout the year.

The Calculus course covers Differentiation, Integration, Complex Numbers, Conics, Trigonometry and Linear Programming.

The Statistics course covers Times Series, Statistical Inference, Bivariate Data, Experimental Design Principles, Evaluating Statistical Reports and Probability.

##### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## MUSIC FACULTY

Head of Faculty: Mr Antun Poljanich, [apoljanich@st-peters.school.nz](mailto:apoljanich@st-peters.school.nz)

### Music Scholarship Level 4

##### Entry Requirement

B or higher in A Level Music. This will run in arrangement with HoF

##### COURSE DESCRIPTION

Each candidate must submit a **Portfolio** and a 3000 word **Critical Reflective Analysis** for assessment for New Zealand Scholarship Music. The **Portfolio** must contain evidence of the candidate's work as either a) **a performer**, b) **a composer**, Or c) **a musicologist**.

(a) The **PERFORMANCE** candidate must submit a video recording of up to 15 minutes of music as a soloist or in a group.

The **Critical Reflective Analysis** may involve but is not limited to a discussion of the following: a discussion of choice of repertoire, how characteristics of the music were considered in preparing the performance, how stylistic features, technical and musicianship issues of the music were considered in preparing the performance.

(b) The **COMPOSITION** candidate must submit the score and audio recording of a work they have composed not longer than 15 minutes in duration.

The **Critical Reflective Analysis** may involve but is not limited to a discussion of the following: choice of instrumentation, how musical ideas were developed and structured, how technical demands of realisation of the music in performance music were considered, how stylistic features were considered.

(c) The **MUSICOLOGY** candidate must submit a 3000 word comprehensive study of a substantial musical work, along with an annotated score of the work, including examination and contribution of five significant musical elements

The **Critical Reflective Analysis** may involve but is not limited to a discussion of the following: the extent to which the musical elements are typical of the period in which the work was written, the place of the work in the composer's output, implications of this work on future composers and their compositions, a personal reflection of the work.

##### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# PHYSICAL EDUCATION FACULTY

Head of Faculty: Mr Jonathan Mahoney, [jmahoney@st-peters.school.nz](mailto:jmahoney@st-peters.school.nz)

## Physical Education Scholarship Level 4

### COURSE DESCRIPTION

**Entry Requirements:** Open to Cambridge students, Excellence endorsement at Level 2 PE or Discussion with HOF.

**Format of the assessment:** Assessment will be in the form of a report (10,000 word, roughly 27-30 A4 pages).

Students will select a topic of interest and will be required to explore and challenge issues and theories surrounding the topic with sophisticated insight and perception. This involves students developing a thesis, completing research and reviewing literature published by accredited scholars and researchers.

Moreover, students will use classroom notes and research to demonstrate high-level critical thinking, abstraction and generalisation, and to integrate, synthesise and apply knowledge, skills, understanding and ideas to complex situations. It will allow students to contend and oppose issues and ideas in society today.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# SCIENCE FACULTY

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

## Science Scholarship Level 4

### ENTRY REQUIREMENTS

Year 13 Scholarship cohort strictly based on A/B grades in CAIE AS or Excellence endorsement in NCEA level 2. Two timetabled periods per subject per week have been allocated for CAIE students. Some after school help is available for NCEA students

### COURSE DESCRIPTION

Scholarship in the Sciences (**Biology, Chemistry and Physics**) gives students an opportunity to challenge themselves with higher order problems in these areas of their study. The problems are based on the NCEA Level 3 curriculum and therefore may require the student's to do additional work. The value of the Scholarship examinations is primarily that universities give weight and recognition to the results. Secondly, if one or more Scholarship is awarded, there is an associated monetary award to aid the students with their future studies. Study towards a Scholarship examination should start at the beginning of the year 13 academic year.

## :Biology Scholarship Level 4

### COURSE DESCRIPTION

To support students in their studies the Biology department has many resources and runs timetabled sessions at which students are expected to tackle Scholarship questions. There is also a recommended reading list to encourage thinking "outside the box" and development of the student as a scientist in their own right. Mr Conor McAteer is teaching this cohort.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

## :Chemistry Scholarship Level 4

### COURSE DESCRIPTION

To support students in their studies the Chemistry department has many resources and run timetabled sessions at which students are expected to learn how to deconstruct Scholarship style questions and write appropriate Scholarship level answers. Dr Rogers is teaching this cohort.

## :Physics Scholarship Level 4

### COURSE DESCRIPTION

To support students in their studies the Physics department has many resources and run timetabled in school sessions in which students are expected to tackle Scholarship questions and master the material that is not covered in the CAIE curriculum. The timetabled sessions will also help students to learn think critically and be able to answer the scholarship questions at the level required. Mr Kevin Barker will teach this cohort.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully

# TECHNOLOGY FACULTY

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

## Design & Visual Communications Scholarship Level 4

### COURSE DESCRIPTION

Scholarship will be in the form of a portfolio. A portfolio is an organised collection of evidence that clearly communicates the candidate's knowledge, understanding, and skills relevant to the Design and Visual Communication Scholarship performance standard.

Evidence may be drawn from one major unit of work or multiple units of work, provided they are linked and integrated in generating a coherent body of material.

Candidates should develop their ideas within the context of a design brief or briefs, which should draw evidence from any of the following design and visual communication areas: Architecture, Environmental, Engineering, Technological, Media, and Technical Illustration.

Candidates will need to produce evidence at an advanced level and of an in-depth nature specifically in one of these areas. Where there is more than one project (as a result of entry into Level Three), candidates need to clearly identify the evidence that has been submitted for Scholarship.

Candidates will need to demonstrate the ability to do each of the following:

- Clearly communicate design ideas and solutions through a variety of highly refined design and visual communication modes (e.g. freehand sketching, modelling, formal drawing, annotation)
- Apply design processes and principles that integrate and synthesise design and visual communication knowledge in an effective, coherent, and innovative manner
- Apply design decisions that are valid and effective in leading to a well resolved and appropriate design solution.
- Generate design ideas and solutions that are effective and fully considered in terms of design principles and requirements of the brief
- Employ presentation techniques with visual impact that are coherent and effective.

### QUALIFICATION GAINED

NZQA Scholarship + Monetary Award – if passed successfully