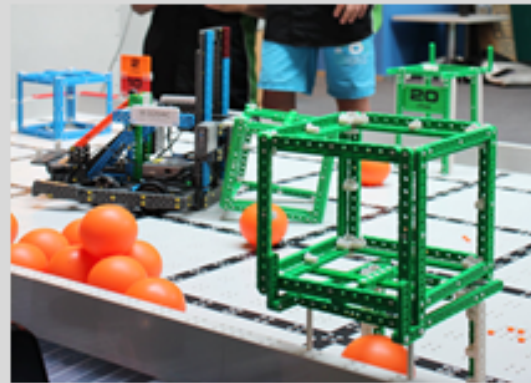


St Peter's College

Standing Tall, Promoting Excellence and Developing Understanding



2024 YEAR 10 SUBJECT OPTIONS



CONTENTS PAGE

Year 10 Curriculum Overview/Subject Choices 2023..... 3

Year 10 Options:

Construction and Engineering..... 4

sTem - Science TECHNOLOGY Engineering Mathematics 4

Structures and Spaces for People and Places 5

Digital Studio Creative Practice..... 5

Practical Studio Creative Practice 6

Fashion & Textiles..... 6

Food and Nutrition..... 7

Japanese..... 7

Music..... 8

Performing Arts..... 8

P.E. Studies..... 9

Te Reo Māori..... 9

Young Enterprise Scheme..... 10

YEAR 10 CURRICULUM OVERVIEW

SUBJECT CHOICES 2023

Student's Name: _____

Current C2S Class: _____

Students study **TWO** option subjects for the **whole year**.

Please **READ** the subject information before making your choices.

Choose **TWO** preferred subjects and number 1 or 2 and choose **TWO** back up subjects and number 1 or 2

2023 YEAR 10 SUBJECTS			
	Subjects		Back Up Option Preference
	Construction and Engineering		
	sTem - Science TECHNOLOGY Engineering Mathematics		
	Structures & Spaces for People and Places		
	Digital Studio Creative Practice		
	Practical Studio Creative Practice		
	Fashion and Textiles		
	Food and Nutrition		
	Japanese		
	Music		
	Performing Arts		
	P.E. Studies		
	Te Reo Māori		
	Young Enterprise Scheme (YES)		

Please write any reasons to support your option choices:

NOTE: Please refer to the entry requirements for studying languages in Year 10. The offering of courses does not necessarily guarantee that this course will run.

YEAR 10 SUBJECT OPTIONS

CONSTRUCTION AND ENGINEERING

10CON

LENGTH OF COURSE: Full Year

AIM: To develop skills in designing and using a variety of materials which could include plastic, metal, and timber.

COURSE DESCRIPTION: Students learn how to read product drawings and to work with a variety of materials including timber, metal, and plastic producing a variety of technological solutions.

SKILLS ACQUIRED:

- Machine and hand tools use
- Basic design principles
- An appreciation of product design
- Workshop Safety
- Understanding properties of materials

TEACHER IN CHARGE: Mr Lane

Email: laneb@stpeterspn.school.nz

sTem - Science TECHNOLOGY Engineering Mathematic

10STEM

ENTRY REQUIREMENTS: Do you love tinkering with machines and electronic equipment? Do you want to find out what is inside a device? Are you curious about the working of a computer, laptop, phone, robot, website, drone or game? Do you want to develop new tools and toys for the 21st century? Learn about the theory and the different pieces that make the whole system work. An interest in the VEX robotics program, or how computers work is recommended. A positive attitude and willingness to try and learn new things.

AIM: To prepare students for sTem - Science TECHNOLOGY Engineering Mathematics Level 1 NCEA and explore the technology design process through the VEX Robotics Competition in a structured way. Students who are self-starters and want to pursue exploring computer science and software development would enjoy this class.

COURSE DESCRIPTION: This course will be a combination of independent learning and practical projects.

Students will learn some or all of the following:

- The inner working of computers and the logic behind them.
- Circuit concepts, measurement, basic electronic components and systems, prototyping. Looking at microprocessors like Arduino, Raspberry Pi and Picaxe, to create project to connect to the IOT (Internet of Things)
- How machines work and are controlled by electronic systems. Students will learn about manufacturing concepts like construction, palletizing, and coordinate planes to empower the manufacturing workforce of the future with a foundation of understanding.
- designing, developing, testing, and maintaining software applications. Software engineers apply engineering principles and knowledge of programming languages to build software solutions for end users, like websites, apps and electronic games.

SKILLS ACQUIRED:

- VEX Robotics
- Learn Programming Skills
- Use Code to Create Games
- Basic Programming & Design Principles
- Basic Electronics

SPECIFIC COSTS: BYOD is recommended.

TEACHER IN CHARGE: Mr van Haren

Email: vanharens@stpeterspn.school.nz

STRUCTURES AND SPACES FOR PEOPLE AND PLACES (GRAPHICS)

10SPP

COURSE DESCRIPTION: An introduction to the design process using freehand and instrumental drawing and the use of mock ups and models in the design process. Unleash your creativity to design solutions based around Architectural, Landscaping, Furniture, and Product design.

Methods used are instrumental drawing using T squares, Set Squares and drawing boards, Digital programs: AutoCad, Fusion 360 and Sketchup, Photos and Models. You don't need to be an artist, you just need an interest in design and a thirst to explore novel ideas to solve everyday challenges.

SPECIFIC COSTS: Students to provide own equipment.

SKILLS ACQUIRED:

- Technical Drawing
- Conceptual Design
- Modelling Experience
- Design Process
- Trailing and Testing Ideas
- Problem Solving
- Communication Skills

ASSESSMENT: Some L1 NCEA internal standards may be offered.

TEACHER IN CHARGE: Mr Wagstaff

Email: wagstaffj@stpeterspn.school.nz

DIGITAL STUDIO CREATIVE PRACTICE

10CRSD

ENTRY REQUIREMENTS: An interest in Creative (digital) technology to create photographs, graphic design, 3D sculpture, moving image and interactive artworks along with a willingness to explore, try and learn new things.

AIM: This year is very much focused on **learning digital creative art-making skills**, while also developing creative thinking skills and digital design specific vocabulary in preparation for Level One NCEA. Students are encouraged to explore the world around them through creative digital media and consider what message their artwork may communicate to others.

COURSE DESCRIPTION: This course option prepares you for both Level 1 NCEA in either Creative Studio Practice (Photography, Design) and/or Media and Communications (Digital Technology 2D Animation, 3D Sculpting and Animation, Stop Motion, Claymation, Film Making (Cinematography), Motion Graphics (Opening credits of films, information graphics), Web Design and digital installations. It will cover some basic theory to help you with your ideas and inform your making. It will be largely a practical course where you will create 3-4 different projects over the year and finish up with a small portfolio project in readiness for Level 1 NCEA

SKILLS ACQUIRED:

- Photography
- Graphic Design
- Film Making (Cinematography & Editing)
- 2D Animation
- Motion Graphics
- 3D Sculpture & Animation
- Basic Visual Literacy Knowledge & Vocabulary
- Basic Design Theory & Critical Thinking

SPECIFIC COSTS: There will be the opportunity to purchase the Adobe Software for your own machine so that you can use it at home to continue your creative practice. There is a small charge of \$20 for this. We are a BYOD school and would recommended for students who wish to take their study seriously so they can do regular homework on their projects to have their own laptops.. If parents are considering purchasing laptops please ask Mrs Purda for specialist specifications required to run motion graphics and 3D modelling software. These machines do have higher specifications. Eg Minimum of 16GB RAM and fast processing speeds to manage the large graphic files

TEACHER IN CHARGE: Mrs Purda

Email: purdal@stpeterspn.school.nz

ENTRY REQUIREMENTS: An interest in Visual Art and a willingness to learn new things and take pride in your work.

AIM: This year is very much focused on **learning practical art-making skills**, while also developing creative thinking skills and art specific vocabulary in preparation for Level 1 NCEA. Students are encouraged to explore the world around them through Visual Art, and consider what message their artwork may offer others.

COURSE DESCRIPTION: Students will visually investigate a range of practical artistic styles and techniques and experiment with a range of ways to create art. Students are encouraged to try different media including Printmaking, Painting, Drawing and Sculpture. Challenging students to think laterally and use their imagination to create interesting artworks is a priority in Visual Art. Smaller units of work that focus on one specific technique or media will be set towards the beginning of the year. This is to encourage students to explore and experiment with many different ways to make artworks. Later in the year we will begin bringing those techniques and skills together into more thematic based studies – a small portfolio on a topic of their own choice in preparation for Level 1 NCEA.

SKILLS ACQUIRED:

- Drawing
- Painting
- Printmaking
- Sculpture
- Foundation Visual Literacy
- Subject Specific Vocabulary
- Creative And Critical Thinking

SPECIFIC COSTS: An Art Pack is available for purchase from the Art Department please email Mrs Purda for more details. Alternatively see stationary list.

TEACHER IN CHARGE: Mrs Purda

Email: purdal@stpeterspn.school.nz

FASHION & TEXTILES

10FSTX

COURSE DESCRIPTION: Fashion and Fibre is a new course that offers students a new way to explore the design process. Students will learn textile skills which will allow them to create their own brief as a platform to plan, design and physically create their own textile product. This course isn't just to show students how to make a garment, it's to show the process from research, to designing concepts, sourcing fabric, trialling out steps in advance in your chosen fabric, identifying risks, problem solving any issues you encounter, right through to actually making the real thing!

SKILLS ACQUIRED:

- Sewing
- Understanding How To Work With A Pattern
- Fabric Knowledge
- Design Process
- Trailing and Testing Ideas
- Problem Solving
- Creativity Through Textiles

SPECIFIC COSTS: Students to provide own fabrics and soft resources.

TEACHER IN CHARGE: Mrs Purda

Email: purdal@stpeterspn.school.nz

LENGTH OF COURSE: Full year

AIM: To **explore** food, its composition, its important role in health and wellbeing, and the impact of deficiency or excess intake on long term health. To **build confidence** in preparing food and using common kitchen equipment. To **solve problems** encountered when preparing food for specific occasions, age groups or dietary needs.

COURSE DESCRIPTION: This course is designed to develop the basic skills needed to produce nutritious, delicious food for yourselves and others, a skill which will serve students well in the future. We will be looking at food hygiene, safe food handling practices, basic nutrition, healthy eating for adolescents, healthy snack options, healthy breakfasts, lunches and menu planning. We also look at food related practices from other cultures beginning with Maori culture. We will investigate where our food comes from to understand how seasonal growing conditions impact the raw materials we have to work with in our home kitchens.

SKILLS ACQUIRED:

- Safe food handling
- Food preparation skills
- Learning different techniques and processes
- Menu planning
- Time management skills
- Kitchen management skills
- Organisational skills and teamwork
- Problem Solving

SPECIFIC COSTS: There could be a monetary contribution required to cover the costs of food. From time to time students may be asked to bring in some food items for practical lessons.

TEACHER IN CHARGE: Mrs Talbot

Email: talbotk@stpeterspn.school.nz

JAPANESE

10JAP

ENTRY REQUIREMENTS: Year 9 Japanese is necessary. Otherwise, students should have some experience of living in a Japanese-speaking situation, or approved by Mr Ueta.

AIM: To learn to communicate in Japanese, both oral and written, and gain an understanding of Japanese culture.

COURSE DESCRIPTION: Students will learn to understand, speak, listen, read and write a vitally relevant modern language, including aspects of the Japanese culture, customs and fascinating writing system.

SKILLS ACQUIRED:

- Increased competence in speaking and understanding a wider range of Japanese.
- Hiragana writing and reading refined and katakana reading and writing skills acquired, as well as some kanji.
- A more in-depth understanding of Japanese culture.

This course may be required for entry to NCEA Level 1 Japanese.

SPECIFIC COSTS: 1 x 1B5, 1 x 10mm quad, 1 x 3B1;

Optional Cost: \$15.00 for a Japanese meal

TEACHER IN CHARGE: Mr Ueta

Email: uetas@stpeterspn.school.nz

MUSIC

10MUS

ENTRY REQUIREMENTS: Students will get the most out of this course if they have had relevant music experience (instrument lessons and some understanding of music theory) prior to joining the Year 10 Music class. Students without this experience are still able to join the class, but need to be prepared to work diligently at learning to play an instrument through the school's Instrumental Music Programme.

AIM: To continue to develop knowledge and understanding in music; To develop music performance skills; To develop awareness of, and importance of music in different contexts.

COURSE DESCRIPTION: This is a hands-on course, which encourages each student to explore, experience and develop a range of musical skills which include performance skills, composition, music listening skills, basic conventions of music, and familiarity with a range of musical styles.

SKILLS ACQUIRED AND DEVELOPED:

- performance and self-confidence
- self-motivation and time-management
- group skills and working with others
- exploring own creativity while developing conventional skills.

The Year 10 course in Music is designed as an essential 'building block' for the NCEA Level 1 course in Music. Students who do not take the Year 10 course in Music, will find it difficult to opt into the Music courses in the senior school.

SPECIFIC COSTS: A4 ring binder with dividers, 2 pencils and an eraser

If not receiving private tuition, students will be expected to learn an instrument through the school's Itinerant Music Programme.

Visits to concerts and other musical events may take place during the year. These trips will be provided on a cost recovery basis.

TEACHER IN CHARGE: Mrs van Deventer

Email: vandeventerk@stpeterspn.school.nz

Performing Arts

10PAR

AIM: To develop knowledge and understanding in Performing Arts through drama skills; To develop practical acting and play/script writing skills, To experience performance opportunities.

COURSE DESCRIPTION: During this course students will have the opportunity for focussed learning using the following topics: Exploring and developing performance skills; Play-building – script writing and development; Stage Production – experience in stage performance and technical opportunities in Drama and Dance; Shakespeare – Researching and performing Elizabethan Theatre.

SKILLS ACQUIRED AND DEVELOPED:

- Performance and self-confidence
- Self-motivation and time-management
- Creative Development
- Group skills and working with others

The Year 10 course in Performing Arts is designed as an essential 'building block' for the NCEA Level 1 course in Performing Arts.

SPECIFIC COSTS: 1x2B8 Hardcover exercise book.

Visits to theatres and other performance events will take place during the year. These trips will be provided on a cost recovery basis.

TEACHER IN CHARGE: Mrs van Deventer

Email: vandeventerk@stpeterspn.school.nz

ENTRY REQUIREMENTS: Students MUST participate in a sport, dance or martial arts.

AIM: To develop understanding of sports related topics.

COURSE DESCRIPTION

- Foundation course for P.E. Studies Levels 1, 2 & 3
- Level 1 Achievement Standard "Assist others to participate in Sport" is offered (2 credits)
- Investigation of sports-related topics such as: anatomy, exercise science, injuries in sport, outdoor education, skill learning

CONTENT: Anatomy; Sports Injuries; Skill Learning; Nutrition; Outdoor Education.

COSTS: Students will need to purchase 2 x 1B4 exercise books.

TEACHER IN CHARGE: Mrs Rolfe

Email: rolfet@stpeterspn.school.nz

TE REO MĀORI

ENTRY REQUIREMENTS: Students should have completed Year 9 Te Reo Māori, course or have a good understanding of basic Te Reo Māori.

AIM: To extend students ability to communicate in Māori by the end of Year 10.

COURSE DESCRIPTION:

- You will be able to interact confidently in Māori.
- You will deepen your understanding of Māori Culture and its customs, and be more aware of its contribution to New Zealand in the 21st century
- As you participate in activities such as dialogues, games, songs and drama you will learn how to describe, compare and order everyday items and activities such as sports, food, entertainment, and home life.
- Understand the dynamics of the Māori way of life; and interact in Māori customs such as powhiri, mau rākau, karakia and poi.

ASSESSMENT: There will be regular vocabulary tests, end of unit tests as well as listening, speaking, reading and writing tests. These will give you feedback on your progress in learning Māori, and help you to set goals for future learning.

SPECIFIC COSTS: There may be costs required for activities throughout the year (e.g. Marae noho).

Note: You should take this course if you want to do Te Reo Māori in Year 11
Te Reo Rangatira is available for students who have been to Kura, Kurapapa, Wharekura.

TEACHER IN CHARGE: Ms Ngaronga

Email: ngarongaj@stpeterspn.school.nz

ENTRY REQUIREMENTS: An interest in the world of Business and Advertising. A good work ethic and the willingness to work on developing some business knowledge and skills.

AIM: Prepares students with general business knowledge and practical experience in readiness for the YES Programme; covers business studies curriculum aspects of business management, marketing, accounts, communication and human resources.

COURSE DESCRIPTION: Offers you a range of entrepreneurial skills and projects in a range of business areas that will assist them for personal use or further study in the senior school. Topics include:

- Young Enterprise Be A Change Maker programme
- Psychology of Persuasion theory in advertising
- Start Up programme – start your own business
- Business planning and operation
- Business finance understandings and skills

SKILLS ACQUIRED:

- Business Finance: using spreadsheets; budgets; income & expenditure.
- Communication: how to run a meeting, advertising, presentation skills.
- Entrepreneurship: ideas, innovative, persuasive skills
- Business Administration & Management: planning, calculated risk evaluation, market research, sales, time & project management.

TEACHER IN CHARGE: Mrs Wheeler

Email: wheelert@stpeterspn.school.nz