



QUEEN ELIZABETH COLLEGE

Junior Student Option Booklet

2016

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Introduction

2014 Term Dates

Term 1

Tuesday 2nd February 2016 – Thursday, 15th April 2016

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Monday, 1st May 2016 – Friday, 8th July 2016

Term 3

Monday, 25th July 2016 – Friday, 23rd September 2016

Term 4

Monday, 10th October 2016 – Wednesday 14th December 2016 (TBA to a date that ensures that the school is open for instruction 380 half days)

Option Selection Process

Options in 2016 will run on a semester basis. Each semester will cover two terms. Students will do two options per semester, for two hours per week. This gives students the chance to try four different options over the year. However, Te Reo Maori will run for the whole year. Students selecting Te Reo Maori will only be able to choose two other options.

The forms for selection will be issued with this booklet. Please complete and return to the school office.

Learning and Vocational Pathways



The Vocational Pathways are a new tool that provide a clear framework for vocational options, support better programme design and careers advice, and improve the links between education and employment.

They are the product of a partnership between government agencies, the industry training sector, secondary and tertiary education representatives, and industry and employer representatives.

There are six pathways which represent new ways to structure and achieve NCEA level 2 and provide a more coherent framework for foundation vocational education and training. The pathways will help students to develop their own individual education plan, so they are better informed and able to make better choices to meet their goals.

NCEA Level 2 (or equivalent) is the minimum qualification that you need to achieve to show that you are ready to enter and progress to further study, training or work. Achieving NCEA Level 2 with Vocational Pathways means you have some interest, knowledge and skills related to industry. It shows you have:

- achieved the required number of credits to achieve NCEA Level 2
- achieved the required industry related credits that align with a particular industry
- a broad understanding of industry
- or interest and skills that relate to a particular industry.

Use the Vocational Pathways to plan your studies. There are lots of options. You will be able to make an informed decision about your future and see where your interests can take you.

Manufacturing & Technology

From hands-on production and assembly to cutting edge research, from massive machines and busy production lines, to individual crafts or computer design.

You might be working with huge lumps of metal or delicately assembling tiny component parts – so small you can't even see them. You'll be working with tools, machinery and equipment, or maybe a computer.

Generally in this pathway, there's a very clear end point to the job you're doing and you'll know exactly what part you played in it. You'll be able say "I had a hand in that – I changed a life, it couldn't have happened without me."

Types of jobs for this Vocational Pathway include:

- Architect
- Baker
- Boat Builder
- Electrician
- Engineer
- Jeweller
- Surveyor
- Technician

Construction & Infrastructure

You'll be part of a well-run team that's committed to getting the job done safely and well, to meet the client's specifications. You'll work indoors and outdoors. Often it'll be dusty, noisy and the hours may vary. You'll move around from site to site, working with lots of different tradespeople, contractors and clients. You'll have a variety of different tasks, and you'll use a lot of different tools and types of machinery. The work is physical and active and you will learn by doing.

Types of jobs for this Vocational Pathway include:

- Forklift Operator
- Civil Engineer
- Earthworks
- Builder
- Interior Designer
- Project Manager
- Surveyor
- Welder

Creative Industries

You will apply your creative skills and imagination to help people see the world differently. You'll come up with new ideas or variations on existing ones.

Sometimes you will need to analyse problems and come up with solutions, or develop fresh ways to express existing concepts or ideas. Working in the sector can often call for big picture thinking and attention to detail. Be ready to apply your talents across different fields. You will need to be flexible, adaptable, resilient and make sure there is always a market or audience for your creations or skills. You may work independently or in a team to resolve technical, artistic and challenging problems.

Types of jobs for this Vocational Pathway include:

- Creative Director
- Graphic Designer
- Screen Printer
- Actor
- Art Director
- Technical Manager
- Stage/Set Designer
- Artist

The Primary Industries

There's a huge range of jobs in this environmentally friendly sector, with a variety of experiences and opportunities on offer. You could work in the outdoors, in some of the most stunning landscapes in the world, planting, growing or tending animals, trees, crops. You may work alone, sometimes in isolated places, or with a bunch of like-minded people who'll quickly become friends for life. If you're not working directly on the land you may be visiting as an adviser to part of the industry – like arboriculture, water or environmental management, the equine industry, or maybe an accountant, mechanic or vet. Further from the farm, you could be in a processing plant, turning primary produce into value-added goods for sale and export.

Types of jobs for this Vocational Pathway include:

- Heavy Vehicle Driver
- Marine Farm Worker
- Forestry
- Site Manager
- Fruit Production
- Export and Storage
- Animal Care
- Operate Machinery

The Service Industries

It's a great sector for young people. If you enjoy working with people you'll get a kick out of it. Good communication and presentation skills are important. Working in teams and dealing with people means you'll need to speak and listen well to others and relate to people from all walks of life. You'll also be able to pay attention to detail. If you can work out how to handle tricky situations diplomatically, you'll go a long way. Knowledge of New Zealand and local culture and heritage is a real asset. And because employers and customers are keen on people who have the X-factor, a willingness to learn and being passionate is also important.

Types of jobs for this Vocational Pathway include:

- Bar Tender/Manager
- Barista/Chef/Cook
- Hairdresser
- Gym Manager
- Retail Assistant
- Receptionist
- Event Organiser
- Store Manager

Social and Community Services Sector

This sector is all about caring for people and keeping them safe. The range of jobs is huge: from monitoring and protecting people and property (like in corrections, defence, or fire fighting) to caring for people in need (as in healthcare, community and social work, medicine or therapy). You may be working for the government or the private sector; you may be outdoors or in. Wherever you are, you'll be dealing with people from all ages and walks of life. Wherever you work you're likely to be part of a strong, active and committed team and many of them may be volunteers.

Types of jobs for this Vocational Pathway include:

- Community Worker
- Early Childhood Education
- Armed Forces
- Nurse
- Fire Fighter
- Police Officer
- Animal Control
- Ambulance Officer

Year 9 Subject Options:

Art / Design (Creative Industries Vocational Pathway)

Students will learn basic drawing and painting techniques. This will enable them to produce final artworks and designs which will prepare them for Year 10 Art and Design. Students must be self-motivated, and be able to meet tight deadlines.

Computing (Has links to all Vocational Pathways)

This course aims to cover an overall introduction to computing skills so that students are prepared to use the IT tools properly and across the curriculum. The course will cover basic computing skills, word processing, spreadsheet building, and PowerPoint presentations. Students will become familiar with cloud computing and other developments in ICT. As well as how these tools link into transferable skills students can see the links to other subject areas such as Art & Design. There is a considerable component of design skills within this course.

Enterprise (Has links to all Vocational Pathways)

Enterprise is hands on learning, through the development of a product from an idea through to sale. Students will develop an understanding of business practices, identifying a product's feature, function and target market. They will examine products; identifying the price and how it is being distributed, identifying a range of promotional strategies that are currently being used to promote the product. The knowledge and skills gained gives the student exposure to enterprise culture that can help shape creative, energetic and enterprising young people.

Food Technology (The Service Industries Vocational Pathway)

In Food Technology students will continue to learn basic cookery skills to build on what they have learnt at intermediate. They will also learn about nutrition and how to menu plan. As well, students will start to look at the design process.

Junior Service Academy

The Queen Elizabeth College Junior Service Academy will provide students with an opportunity to learn military and basic life skills training. The students will learn discipline, teamwork, and respect whilst having a lot of fun. The aim of the Junior Academy is to provide an option in which the students can experience new areas and gain confidence by testing themselves in a fun and challenging environment.

Metal / Wood Technology (Construction & Infrastructure Vocational Pathway)

Students will express their creativity through technology design projects. The Year 9 Resistance Technology programme will allow students to achieve a variety of basic practical skills using a range of hand tools, machines and techniques. The students will be able to use all these skills and concepts in the Year 10 Resistance course. They need to be able to think and work creatively to produce products using a range of basic skills and tools.

Music (Creative Industries Vocational Pathway)

Year 9 Music will introduce students to a range of music styles through fun, interactive listening activities. We will cover the roles of instruments in a band, key elements of music and create music on computers using Garageband. Time will be given to practical instrument playing and basic music theory.

Te Reo Māori (Services, Creative and Primary Industries, Social and Community Sector)

Year 9 te reo Māori will introduce you to the basics of Māori language It will focus on developing your reading, writing, speaking and listening skills. Opportunities to attend pōwhiri, Manu Kōrero and Kapa Haka may be available.

In Te Reo Māori you learn the basics of the Maori language through listening and speaking, and fun games. Over the year you experience powhiri and attend many Māori events e.g Manu Korero, Kapahaka and marae visits. This course leads onto Year 10 Te Reo Maori.

Textiles

Four units of work will be covered. These are:

1. Look at the construction and content of fabric.
2. Weave fabric and then quilt and decorate for a wall hanging.
3. Use a pattern to construct and then tie dye a soft toy.
4. Recycle an old T-shirt from home with different techniques learnt in class.

Year 10 Subject Options:

Art (Creative Industries Vocational Pathway)

The Visual Arts are art forms that create works that are primarily visual in nature, such as drawing, painting, printmaking, design and photography. During this course, you will learn how to think creatively and independently. You will have a basic understanding of colour theory as well as develop new drawing, painting and other practical skills which will enable you to generate new art forms i.e. The Wearable Arts. Students must have an interest in researching and analysing other artist models, and must be highly motivated and be able to meet strict deadlines.

Digital Technology (Computing) (Has links to all Vocational Pathways)

Year 10 Digital Technology continues the development of keyboard ergonomics and skills, and more in depth study of topics such as spreadsheets, databases, word processing, web page development, desk top publishing, presentation software, use of peripherals including digital cameras and other IT tools, graphic manipulation programs. The course will also have links to other subjects such as Art and Design. If the students show sufficient skills some appropriate Level 1 (or sometimes Level 2) unit standards/achievement standards will be offered.

Enterprise (Has links to all Vocational Pathways)

Enterprise is hands on learning, through the development of a product from an idea through to sale. Students will develop an understanding of business practices, identifying a product's feature, function and target market. They will examine products; identifying the price and how it is being distributed, identifying a range of promotional strategies that are currently being used to promote the product. The knowledge and skills gained gives the student exposure to enterprise culture that can help shape creative, energetic and enterprising young people.

Food Technology (The Service Industries Vocational Pathway)

In Food Technology students learn to cook more challenging dishes to get them better prepared for NCEA. In this class students will cover topics such as Food and Celebrations, Make it Bake it, and Chocolate.

Junior Service Academy

The Queen Elizabeth College Junior Service Academy will provide students with an opportunity to learn military and basic life skills training. The students will learn discipline, teamwork, and respect whilst having a lot of fun. The aim of the Junior Academy is to provide an option in which the students can experience new areas and gain confidence by testing themselves in a fun and challenging environment.

Metal Technology

The course is intended for students interested in developing practical knowledge and skills using metal. Students will learn different skills and in this process students develop the ability to work independently.

The skills covered are:

- Working with different types of metal
- Using hand tools
- Using machines such as metal lathe, power hacksaw, milling machines.
- Safe workshop practices
- Joining methods: riveting, welding
- Finishing methods: varnish, stain, paint, oil
- Working drawings: specifications, cutting lists
- Measuring, calculating, marking
- Teamwork and independence

The main focus at Year 10 is enjoyment and the satisfaction of making objects with your hands. These are skills that will give you the basics for studies at Year 11 Engineering Technology.

Music (Creative Industries Vocational Pathway)

Year 10 Music will trace the development of music through the ages and draw a focus on the history of New Zealand Music while also comparing and contrasting pieces of music.

We will study the basics of composing songs to assist in our individual and group compositions. We will look at music in a range of contexts, including movies and advertising. Time will be given to practical instrument playing and more advanced music theory.

Te Reo Māori (Services, Creative and Primary Industries, Social and Community Sector)

This course will further develop your reading, writing, listening and speaking skills in preparation for NCEA Level 1. Topics of study include: whanau, Ngā wahanga o te tinana, Marae and Ngā Nama. Opportunities to attend pōwhiri, Manu Kōrero and Kapa Haka may be available. This is a full year course.

You advance from Year 9 Te Reo Māori into a more challenging level which focuses on the following topics: speaking, reading, writing and listening in Te Reo Māori, Whaikorero, Karanga, Marae protocol and preparation for NCEA Level 1 Te Reo Maori. Over the year you experience powhiri and attend many Māori events e.g Manu Korero, Kapahaka and marae visits. This is a full year course.

Textiles

Four units of work will be covered. These are:

1. Use a pattern and chosen fabric to construct a pair of boxers on the sewing machine.
2. Tie dying fabric and using other design methods to create a soft toy that will then have some clothes sewn for it.
3. Choose an item to make, design and construct using new processes and the ones already known. This item can be an article of clothing, a soft toy, wall hanging or bag.
4. Learn the technology process

Wood Technology (The Service Industries Vocational Pathway)

The course is intended for students interested in developing practical knowledge and skills using wood. Students will learn different skills and in this process students develop the ability to work independently.

The skills covered are:

- working with different types of wood
- Using hand tools
- Using machines such as wood lathe, band saw, compound mitre saw, portable belt sanders.
- Safe workshop practices
- Joining methods
- Finishing methods: varnish, stain, paint, oil
- Working drawings: specifications, cutting lists
- Measuring, calculating, marking
- Teamwork and independence

The main focus at Year 10 is enjoyment and the satisfaction of making objects with your hands. These are skills that will give you the basics for studies at Year 11 Wood Technology.