

**Grade 9 and 10**  
**Course Booklet**  
**2019**



**New Town High School**



## **New Town High School Curriculum Design**

The Grade 9 and 10 Course Guide provides students with the information needed to select their options subjects for 2019. Students will find a range of possibilities that will give them engaging and challenging learning experiences.

Students are encouraged to think about their future pathways and to choose subjects that have links to their future study options.

New Town High School's learning programs give students the opportunity to be:

- responsible, independent learners
- effective communicators
- resilient, lifelong learners
- compassionate, global citizens
- imaginative and critical thinkers
- collaborative learners.

Students in Grade 9 and 10 have access to a range of other learning opportunities including interstate and overseas trips, camps, carnivals, whole-school productions, and other extension and leadership opportunities designed to broaden their educational experience while studying at New Town High School.

### **Curriculum organisation**

The New Town High School timetable is organised into twenty five hour long lessons per week. Students study a combination of compulsory and optional subjects designed to provide an engaging learning experience. Core subjects, which are compulsory for all students, are aligned with the Australian Curriculum. The list below outlines the number of lessons per week students study each core subject;

- English - three lessons per week
- Mathematics - three lessons per week
- Science - three lessons per week
- Health and Physical Education - three lessons per week
- History - three lessons per week
- My Education – one lesson per week

Students in Grades 9 and 10 have the opportunity to choose optional subjects to complement their core subjects. Each optional subject consists of a two hour session and a single one hour session per week for the duration of the course. A short description of each optional subject is included in this booklet, along with a guide for finalizing subject selections.

## New Town High on-line course selection process

The selections process opens for Grades 9 and 10 students on Wednesday 22 August 2018 following information assemblies for each year group. To complete the process please follow the steps below:

**Read through the course selection booklet**



**Access [www.selectmysubjects.com.au](http://www.selectmysubjects.com.au) website. Use your supplied access code and password. Contact the office if you require a second copy.**



**From the homepage, click on the **green** "Add new preferences" button**



**For each preference box select a subject Number 1 preference is the one the student wants to do most.**



**Click on the **green** 'proceed' button to review your choices**



**Click on the 'submit valid preferences' button**



**Print receipt-please ensure a parent/guardian signs the form. Return to school office by Friday 31 August**

**Failure to print your receipt may mean they miss out on options of their choice.**

Important information about the selection process:

1. The timetable program will assign your number one selection first, then number two and so on. **It is important to prioritise your selection in the correct order.**

**Note:** whilst most students will receive most of their course selections, ***all your choices should be considered as viable options*** and will be used when necessary as outlined above.

2. It is necessary to understand **that lower preference choices will be allocated if a subject is unavailable:**

This may be because:

- the course did not run because of insufficient numbers
- the course clashed with another of the choices you made
- the course was full (All courses have maximum limits set) Practical subjects such as Food Studies and Design in Wood / Metal are capped at 24 students for safety reasons).

The selection process **opens for Grades 9 and 10 on Wednesday 22 August and closes on Friday 31 August 2018.**

## GRADE 9 AND 10 OPTIONS OFFERINGS 2019

Courses with \* have pre-requisites. Green classes are new offerings.

Select the blue hyperlinks to view course descriptions and applicable pre-requisites.

### **CREATIVE AND PERFORMING ARTS**

[Art - Design in Graphic Art](#)  
[Art - Visual Art](#)  
[Dance\\* - Semester / Full Year](#)  
[Drama](#)  
[Digital Art – Semester](#)  
[Music \(Grade 9\)](#)  
[Music \(Grade 10\)](#)  
[Photography – Semester](#)  
[Rock Music Studies – Semester](#)  
[Theatre Production\\* - Leads – Full Year](#)  
[Theatre Production\\* - Ensemble - Semester](#)  
[Writer's Workshop](#)

### **ACADEMIC EXTENSION**

[Business Studies](#)  
[Civics and Citizenship](#)  
[Geography Extended](#)  
[Mathematics Extended \(Grade 9\)\\*](#)  
[Mathematics Advanced \(Grade 10\)\\*](#)  
[Personal Project\\* - Semester / Full Year](#)  
[Psychology and Sociology - Semester](#)

### **ICT**

[App Development and Design](#)  
[Computing Extended\\*- Offline / After-School](#)  
[Digital Technology](#)  
[Game App Design](#)  
[Robotics - Semester](#)

### **LANGUAGES**

[Chinese- Mandarin \(Grade 9\)](#)  
[French](#)  
[Japanese](#)

### **TECHNOLOGY**

[Computer Graphics and Design](#)  
[Cooking for Every Day Occasions – Semester](#)  
[Design in Metal](#)  
[Design in Wood](#)  
[Design & Construction in Wood \(Specialised\)](#)  
[Electronics - Semester](#)  
[Food Technology](#)  
[Furniture Restoration – Semester](#)  
[Master Chef – Semester](#)  
[Mediterranean and Asian Food – Semester](#)  
[Small Engines - Semester](#)

### **SPORTING AND OUTDOOR INTERESTS**

[AFL Athlete Development\\*](#)  
[Basketball Athlete Development\\*](#)  
[Cricket Athlete Development - Semester](#)  
[First Aid and Sports Injuries - Semester](#)  
[Futsal - Semester](#)  
[Golf Athlete Development - Semester](#)  
[Outdoor Education\\* - Semester](#)  
[Soccer Athlete Development\\*](#)  
[Sports Fitness - Semester](#)  
[Sports Science \(Grade 9\)](#)  
[Sports Science \(Grade 10\)](#)

### **READY FOR WORK**

[Future Pathways to Work\\* \(Grade 9\)](#)  
[Future Pathways to Work\\* \(Grade 10\)](#)

## **ART- DESIGN IN GRAPHIC ART (full year course)**

Design in Graphic Art is supportive of all student skill levels from basic to advanced level.

In this course students will;

- Work from design briefs in order to solve practical problems in a creative way
- Use design and image software to create magazine and book covers, advertisements, posters, graphics and product packaging, website designs, print and t-shirt designs.
- Create a visual journal that shows their skill development as evidence for college Art courses
- Develop skills that can be used in business and lead to studying pre university courses at college.

## **ART- VISUAL ART (full year course)**

In Visual Art, students are given the opportunity to:

- Explore their creative thinking and problem solving by making artworks to express their own experiences, opinions and ideas
- Create artworks using Sculpture, Painting, Drawing, Photography and Printmaking and increasingly develop their technical skills
- Research project themes and artists
- Learn about Australian cultures and the cultures of other countries through Art in a calm, engaging classroom environment.

## **DANCE – GRADES 9/10 (semester / full year course)**

Students practise and refine their dance skills to develop proficiency in genre and style specific techniques. They explore the creative potential of their body and develop confidence in a safe and supported environment. Students will undertake choreographic and performance projects in groups and as individuals, perform dances to an audience and have access to a range of opportunities to work with visiting artists. They will develop problem solving and collaborative skills and make choices of music, costumes and props to help communicate their ideas. This course will be offered in partnership with Ogilvie High School. Boys selecting this course will be required to audition and classes will be undertaken at Ogilvie High School.

## **DRAMA (full year course)**

Students will explore the techniques of drama and how they evolve over time. The emphasis is on production and a major scripted performance will be presented as well as a devised piece created through the workshop process. Both productions will have relevance to the Tasmanian context and will involve all aspects of performance including technical requirements such as light, sound and multimedia tools. Students will need to show commitment and be prepared to share work with audiences.

## **DIGITAL ART (semester course)**

In this course students will be given the opportunity to:

- work on enjoyable Visual Art projects that suit all levels of skill;
- learn basic Digital Art making skills and Animation techniques by using computer software (Photoshop);
- extend their knowledge of digital media by learning different ways of making an image or Animation;
- study in an environment that is supportive and mindful of individual student needs; and
- make Art that reflects student individual interests.

Digital Art gives students a basic introduction to Digital Imaging. This knowledge can easily transfer into a range of other subjects such as Visual Art, Design in Graphic Art, Film, Computing or Computer Aided Design (CAD).

## **MUSIC GRADE 9\* (full year course)**

Music is a practical subject that focuses on students playing, practicing and performing on their instrument. This course involves creativity, theoretical, practical and performance work through which students develop musical skills and knowledge. In this course students will be involved in:

- playing an instrument, either brass, woodwind or an acoustic guitar
- class band/class guitar ensemble
- solo and ensemble performances
- individual instrument practice
- creating compositions and performances
- developing skills in reading and writing music notation.

Extra-curricular program includes Senior Concert Band, Guitar Ensemble, Brass Ensemble, Jazz and Woodwind Ensembles, Music Tours and School Productions, and combined New Town/Ogilvie High School projects.

\*Grade 9 Music students must be available to participate in a music ensemble. Music ensembles rehearse after school.

## **MUSIC GRADE 10\* (full year course)**

This is a practical subject that focuses on students playing, practicing and performing on their instrument. Grade 10 students will further refine their instrument playing and performance techniques and develop a broader general understanding of musical forms and styles through listening, performance, analysis, historical study, musical arrangement, music reading and composition.

Grade 10 students are invited to extend their musical knowledge in extra-curricular school activities which include Senior Concert Band, Guitar Ensemble, Brass Ensemble, Jazz and Woodwind Ensembles, Music Tours and School Production. Combined New Town/Ogilvie High School projects. Combined New Town, Ogilvie and Elizabeth College Stage Band.

\*Grade 10 Music students must be available to participate in a music ensembles either the brass ensemble, woodwind ensemble, guitar ensemble or stage band. Music ensembles rehearse after school.

## **PHOTOGRAPHY (semester course)**

In this practical course students will use a variety of technology to learn how to take photographs. They will learn skills to use in other subjects such as Visual Art, Graphic Design, Computing and for many other purposes.

In Photography students are given the opportunity to:

- develop a basic technical understanding of Digital Photography
- use a camera effectively for a range of different purposes
- understand the differences between photographic genres such as Portrait Photography, Journalistic Photography, Sport Photography, Artistic, Nature and Landscape Photography etc.
- learn how to edit a photograph in a computer using Photoshop software

## **ROCK MUSIC STUDIES (semester course)**

This course is designed as an introduction to the formation of rock groups. Students are expected to work in groups and collaboratively rehearse cover songs and/or their original compositions.

Rock students will participate in the following activities:

- basic rock band techniques;
- individual instrumental/vocal skill;
- describe the set up and function of a band, PA equipment, amplifiers, drum kits, guitars, keyboards and horn section;
- observe adequate safety tips relevant to rock band rehearsal and performance such as monitoring acceptable sound levels; and
- use of ICT and digital/analogue recording hardware and software programs.

## **THEATRE PRODUCTION\* - Leads (full year course)**

The combined Ogilvie/New Town High School Theatre Production (Leads) is available to students via an audition process that will be held early in Term Four. Once accepted into the course students are expected to commit for the full year. Students will be given the opportunity to be involved in all aspects of running a Musical Production. They will be provided with the opportunity to be immersed in a variety of theatrical experiences. These include: workshop style instruction on character development, with the prospect of working with members of the theatre community, in acting, vocal and singing techniques. Experience will be given to develop an understanding of theatre publicity, front of house and elements of theatre tech.

There is a robust written and research component to this course that all students are expected to complete as part of their assessment. The skills and experiences students acquire in this will then lead to extensive vocal and character development in preparation for the performance week scheduled for Term Four, 2019. There is a compulsory extra-curricular component to this course.

Cast members are expected to commit to all rehearsals scheduled out of class, learn lines, songs and be available for a month prior and during production week in Term Four, 2019.

### **THEATRE PRODUCTION\* – ENSEMBLE (semester course)**

This semester course is available to students who wish to be a part of the combined Ogilvie/New Town High School Theatre Production in 2019 as part of the ensemble of the production. The ensemble is an integral part of the production, and students must possess a strong desire to be on stage and work as a member of a highly effective team. Students must accept that they may not gain a speaking role and are expected to learn all songs, dance sequences and develop a character fitting the theme of the production. Additionally, there is a reflective written component to this unit, which all cast members are expected to complete as part of their assessment. The skills and experiences acquired in this course will then lead to extensive rehearsal process in preparation for the performance week scheduled in Term Four 2019. There is a compulsory extra-curricular component to this course which involves cast members committing to all rehearsals scheduled out of class, learn lines, songs and be available for a month prior and during production week – Term Four, 2019.

### **WRITERS' WORKSHOP (full year course)**

Writers' Workshop is for senior students who love to write.

Budding novelists, journalists, poets, biographers, songwriters and sports reporters will all find the course highly useful, relevant and engaging.

Students will learn a host of writing techniques, strategies and styles through participating in whole-class activities and free-choice writing.

A focus will be placed on writing for **real audiences** and opportunities will be provided to have pieces included in **real publications**. Students will listen to, work with and learn from **real working writers** – people who make their living from the power of words.

Writers' Workshop is highly recommended for students wishing to pursue possible careers as writers, as well as those boys seeking an outlet for their creativity and imagination.

## BUSINESS STUDIES

Business Studies is based on the college level 2 course; Business Studies-Foundation. This subject is an introduction to establishing and operating a small business in the Australian economy. It examines the ways people within business manage resources to build a successful business, including marketing and accounting and finance. Students are provided with a practical opportunity to combine their knowledge and skills to develop a business plan for an enterprising idea of interest. Students will develop their knowledge, understanding and skills through the use of authentic, real-world or lifelike contexts, such as using current and contemporary examples and case studies concerning business and entrepreneurship and managing or operating a school or community based enterprise or event.

## CIVICS AND CITIZENSHIP

Civics, Citizenship and Entrepreneurship is about encouraging students to consider the ways they can participate in school, local, state, national and global communities, focusing on contemporary issues, events and case studies. Students studying this course will:

- study Australia's political and court systems and how they enable change
- examine the ways political parties, media and individuals influence the decision making processes
- examine Australia's roles and responsibilities within an international context
- explore what it means for Australia to be part of a global economy
- investigate the factors that influence financial decisions and the short and long term impacts of these decisions in a range of contexts.

This course is based on the *Australian Curriculum – Civics and Citizenship Years 9 & 10* and *Australian Curriculum – Economics and Business Years 9 & 10*

## GEOGRAPHY EXTENDED (full year course)

Keen Geography students will have the opportunity to extend their geography skills. Students will use real world examples to broaden their knowledge of various landscapes, the people who inhabit them and how they are managed. In this course students will complete;

- an in-depth study of at least two specific environments - chosen by the student – One being a local environment and the other a global environment.
- a study of the geography of human wellbeing. Focusing mainly on the differences in human wellbeing across a variety of places and environments and how this is currently managed and will be managed in to the future.
- the final project for this course which will involve students choosing an environmental issue that is currently effecting a specific environment and presenting this information along with potential solutions to the issue.

## **MATHEMATICS EXTENDED (Year 9)\* (full year course)**

In this course a framework for thinking, problem solving and acquisition of powerful, logical and concise communication skills are developed. Apart from enhancing students' achievement in their normal Year 9 Mathematics program, it will set a solid foundation for the Mathematics Methods Foundation course in Years 10 or 11. Areas of study will include Geometry, Statistics and Algebra.

**Pre-requisites:** Students are expected to have a strong liking for Mathematics and have attained at least a "C" rating in Year 8 Mathematics. Students should be willing to do extension work beyond the normal Year 9 level Mathematics.

## **MATHEMATICS ADVANCED (Year 10)\* (full year course)**

Students will study the areas of algebra, functions and their graphs, calculus and probability. These are necessary prerequisites for the study of Mathematics Methods, TQA level 3 course in Years 11 and 12 and provides a foundation for those courses and disciplines in which mathematics has an important role, for example, engineering, the sciences, economics, health and social sciences. The aim is to develop students' understanding of concepts and techniques, reasoning, capacity to communicate and choose and use technology appropriately and efficiently.

**Pre-requisites:** Attainment of at least a "C" rating (preferably a "B" rating) in Year 9 Mathematics and have studied Mathematics extended in Year 9. Students are expected to have a desire to dedicate additional time and persevere with challenging situations and problem solving.

## **PERSONAL PROJECT\* (semester / full year course)**

This course is designed around the Year 10 Personal Project of the International Baccalaureate and The Tasmanian Certificate Subject, Student Directed Inquiry. It is a school-developed course and is aimed at challenging gifted, creative and enthusiastic thinkers to undertake a deep inquiry into a field of interest. Through undertaking a transdisciplinary inquiry, students will develop an understanding of: what constitutes quality research; the purpose of an effective inquiry question; and what constitutes an ethical, robust, disciplined and rational approach to gathering, interpreting and evaluating evidence. A key aspect of this course of study involves students engaging with members of academia, industry and community who can contribute to their personal project inquiry and enrich their understanding. Students may choose to undertake workplace research if it contributes to their field of inquiry. This course is designed for high achieving students.

## **PSYCHOLOGY AND SOCIOLOGY (INTRODUCTION) (semester course)**

### **Description**

Introduction to Psychology and Sociology is a half year option course for grades 9 and 10 that creates a flexible and relaxed environment for learning. Students who are interested in the study of human behaviour, the individual in a society, or methods for learning should consider enrolling in this course. There will be lecture, research and laboratory elements to this course. Students will demonstrate their understanding by way of negotiated study. The content is relatable, relevant and varied.

### **Outcomes**

On successful completion of this course, learners will be able to:

- Understand the nature of human beings as individuals and members of communities
- Appreciate psychology as a subject and a body of knowledge
- Examine major concepts and theories of psychology
- Apply critical thinking skills
- Employ research methods, writing style, and referencing skills required for pre tertiary level courses at college.

## **APP DEVELOPMENT AND DESIGN (full year course)**

In this course you will get the chance to use Swift, Xcode and other App development software to create an App of your own design. You will also have the chance to submit your App to the Apps store.

In small teams we will work with leading Australian App developers (Appster) to create any type of App you wish, with the platform of your choosing.

The course will be run in a team format replicating the world of App development and innovation outside of the classroom with regular presentations to the class by leading experts in the field of App design and development.

Please note: **You cannot be enrolled in both Game App Design and App Development**

## **COMPUTING EXTENDED\* (full year course – offline / after-school)**

This course is for self-directed students who have a strong interest in Computing and would like to develop their talent further in a more flexible environment.

This course will be offered as one hour of direct teaching time per week and two hours of **supervised online independent learning in a classroom setting**. Students will complete one module per term in addition to future innovations and current ICT concepts. Course modules include: Augmented Reality, Programming, Video Editing, Graphic Modelling, Hardware and Game Design.

**Pre-requisites:** Students must have studied Computing as a subject in the previous year.

***This course will run on a Thursday afternoon after normal lessons finish.***

## **DIGITAL TECHNOLOGY (full year course)**

This is a general computing course designed to enhance students' overall understanding of computer concepts and practical skills, enabling them to evaluate, use and produce information technology products.

Students will study: Website Design, Computer Hardware, Graphics and Animation, Multimedia and Video, Game Programming, Robotics, Social issues and projects of their own choice.

## **GAME APP DESIGN (full year course)**

In this course students will get the chance to create your own stand-alone game completely from scratch, including the images and sounds. Students will also have the chance of it being submitted to the app store for others around the world to download.

Students will create their own sprites, backgrounds, animations and eventually your original stand-alone game completely of your own design and making. Then market and advertise their game before finally submitting the game to the app store for approval and hopefully upload for others to access. This is not just a course on how to make games, this is a course on how to make successful games.

Please note: **You cannot be enrolled in both Game App Design and App Development.**

## **ROBOTICS (semester course)**

This STEM (Science, Technology, Engineering and Mathematics) course is a beginning course in robotics. We will be utilizing Lego Mindstorm kits, Robolab software and various Lego Robotics materials. The objective of this course is to introduce the student to basic programming as well as problem solving strategies. The course will involve the development, building and programming of a LEGO Mindstorm robot. Students will collaborate to design, build, program and document their progress.

This course will allow students to experience building and program basic robotics and is aimed at allowing students to compete in the national Robo Cup competition.

## CHINESE – MANDARIN - GRADE 9 (full year course)

This new two-year course is designed for beginners of Mandarin Chinese. Emphasis is placed on the communication skills of listening and speaking as students develop their language skills by learning vocabulary, grammar and structures within the context of such themes as: self, family and friends, school life, hobbies, sports and leisure activities. In the second year of the course, an increased focus will be placed on learning to read and write the hanzi script.

## FRENCH (full year course)

*Vive le français*

*Oh là, là, c'est magnifique*

*La langue de l'amour !*

Learning a language enhances literacy and social skills.

Through studying French, students will be able to:

- use French to communicate with others in authentic situations;
- understand French as a system;
- understand and appreciate the cultural context in which French is used;
- make connections between English and French;

There will be a focus on developing:

- pronunciation, intonation, stress patterns and accents.
- speaking and listening for particular purposes.
- key sentence structures and grammatical forms.
- key communicative functions for exchanging information, expressing attitudes and opinions, getting things done.
- developing a repertoire of communicative references to *events, time, quantity, colour, size and value*.

## JAPANESE (full year course)

Through studying this language, students will be able to use Japanese to communicate with others in authentic situations, understand Japanese as a language system, understand and appreciate the cultural context in which Japanese is used and make connections between Japanese and English.

There will be a focus on developing students' skills in:

- pronunciation, intonation, stress patterns and accents
- reading and writing of the Hiragana script, the Katakana script and prescribed Kanji
- speaking and listening for particular purposes
- key sentence structures and grammatical forms

## **COMPUTER GRAPHICS AND DESIGN (full year course)**

Students will work with in a range of computer graphics packages to:

- explore 2D and 3D graphical projects and models
- create graphics posters and animated movies of their 3D models
- students will also use 3D printers to model their projects.

## **COOKING FOR EVERYDAY OCCASIONS (semester course)**

Students will learn both basic and advanced cooking techniques to further their interest in food studies or take up an opportunity to prepare food and learn the necessary skills to be independent in the future.

In this half year course students will plan and prepare a variety of dishes, commencing with healthy breakfasts and lunches as well as food suitable for evening meals, desserts and sweets, concluding with festive cookery.

Students will prepare recipes individually or in small groups, sharing as a buffet meal. As with all practical sessions, students will learn about being safe and hygienic in the kitchen environment. It is a requirement for all students at New Town High to bring a small container to all practical lessons.

## **DESIGN IN METAL (full year course)**

In this course students will develop their skills and understanding about metalworking processes with a hands on approach. Students will learn about:

- metals and their properties and processes for bending, shaping, forging
- working with and uses of sheet metal
- appropriate use of hand tools and accuracy in measurements
- basic fitting and turning using a lathe
- measuring techniques particularly using Vernier Callipers
- thread cutting- internal and external
- introductory Welding processes - Oxy Acetylene, Manual Metal Arc, and MIG welding
- project design- incorporating fabrication skills.

## **DESIGN IN WOOD (full year course)**

In this course students will develop their skills and understanding about designing and making using wood and wood products. Students will learn about:

- timber and joinery- growth and use of materials
- working and use of sheet materials
- using hand tools with precision- cutting accurate joints
- assembly techniques
- accurate measuring techniques
- safe use of portable power tools and light machinery
- project design- incorporating workshop skills.

## **DESIGN AND CONSTRUCTION IN WOOD (SPECIALISED) (full year course)**

This course has a strong emphasis on developing fine craftsmanship skills while working with Tasmanian specialty timbers. There is an increasing level of complexity and sophistication as students complete the foundation projects and then specialise in their chosen area of wood design. Throughout the course students will cover design and drawing techniques, veneering, carving, woodturning and lathe work, machining and finishing, and use of power tools.

**Please note specialist wood for particular pieces will have to be purchased by the student.**

## **ELECTRONICS (semester course)**

Students will gain a basic understanding of electronics through the construction of simple projects using resistors, diodes, capacitors and transistors. Appropriate theory will also be included to enable students to understand the functions of individual components in a circuit.

Once the compulsory projects are completed students can build more advanced projects of their own choice including projects that use simple programmable micro-processor integrated circuits.

This subject requires a sound understanding of mathematical processes and a genuine interest within the fields of science and engineering.

## **FOOD TECHNOLOGY (full year course)**

This course is aimed at students who have a keen interest in cooking. Students are given opportunities to develop and use their design skills and technological abilities to generate, produce and evaluate solutions for authentic needs. Further study extends to a deeper understanding of safe food handling, food preservation, nutrition, special dietary needs, impact of migration on Australia's evolving cuisine and food planning for festive occasions. Challenges may include the design, production and evaluation of food suitable for a client with a specific dietary need; a multicultural banquet and festive cookery.

All students will need to supply a medium sized container with a lid to take their cookery home.

## **FURNITURE RESTORATION (semester course)**

This course is assessed as part of the Design and Technologies framework from the Australian Curriculum.

Students who have an interest in making, preserving or refashioning a piece of furniture are suited to this course. The course will have a 20 week time frame (One Semester).

They will identify that items can have another use and life! Students can use salvaged or treasured items from the garage or Op Shop. They will address sustainability considerations and budgetary constraints when detailing the new purpose for the item. Students may create a suitable finish, or a more extensive revamp may require additional materials such as reapplying a finish, re-upholstering or revamping an item of interest. Students will be expected to cover part of these costs.

Students will apply project management skills to document and use project plans to manage the production processes.

Students communicate and document their projects, including marketing for a range of audiences at a community event.

### **MASTER CHEF (semester course)**

This is a hospitality course in food studies. It is aimed for students wishing to pursue a career in foods and catering.

Students will have the opportunity to gain some entry certificate skills in food preparation. It is hoped that students will participate in cookery competitions either within the school, local community or as a national event.

Guest chefs from local restaurants and providores will attend some of the theory or demonstration lessons, so students will have an opportunity to discuss with members of the industry what a career in foods may look like.

As with other food studies courses, a small container is required for lessons.

### **MEDITERRANIAN AND ASIAN FOOD (semester course)**

This course will include learning about, and cooking food from Southern European Countries. In addition to the practical component, theory lessons will focus on exposing the food history and habits, which form such a rich part of the general cultures of these areas.

As well, students will study many of the Asian nations to examine food culture, different ingredients and cooking methods. The countries of Vietnam, Malaysia, Thailand, Japan and China will all feature in this unit of work.

The practical component will include a variety of recipes and aims to expose students to not only the food history of these areas, but the current trends and special dishes which we commonly associate with these regions.

Appropriate and relevant homework will be set to further enhance the theoretical component of this topic.

Practical sessions may take the form of individual projects, team tasks and on occasions the provision of buffet style lunches. Many of the dishes may involve consumption at school. A small container is required for students to take home food samples.

### **SMALL ENGINES (semester course)**

In this course students will learn all about small petrol engines.

During this course students will learn about;

- engine problems and how to fix them
- engine maintenance and procedures for Honda four-stroke engines
- explore environmental issues related to combustion engines.

## **AFL ATHLETIC DEVELOPMENT\* (full year course)**

Students choosing AFL Athlete Development will learn about and participate in:

- Strength and conditioning, physical preparation and fitness testing
- AFL skill and game sense development
- Study nutrition, sport psychology, recovery techniques
- Specialist coaches will to develop their AFL skills.

Students will be expected to play school football for New Town High and make a commitment to train hard each week.

**Pre-requisites:** Grade 10 students are given priority enrolment in this course.

## **BASKETBALL ATHLETE DEVELOPMENT\* (full year course)**

Students choosing Basketball Athlete Development will further develop their basketball skills and learn about and participate in:

- Strength and conditioning, physical preparation and fitness testing
- Basketball skills work and game sense development
- Study nutrition, sport psychology, recovery techniques
- Specialist coaching to develop their basketball skills.
- Complete training to gain basic accreditation in basketball coaching and refereeing

Students will be given the opportunity to represent New Town High in basketball tournaments and other matches as organised. Students who already play Basketball are encouraged to select this course.

**Pre-requisites:** Grade 10 students are given priority enrolment in this course.

## **CRICKET ATHLETE DEVELOPMENT (semester course)**

Students choosing Cricket Athlete Development will have the opportunity to acquire and develop advanced cricketing skills and knowledge. Students choosing Cricket Athlete Development will learn about and participate in:

- skill development (focussing on the three key areas of batting, bowling and fielding)
- game sense development and strength and conditioning.
- theory lessons programs covering coaching accreditation, nutrition, sport psychology and cricket philosophy.
- students will be able to gain coaching accreditation which can lead to opportunities for future employment.

In partnership with Cricket Tasmania, students will access state of the art cricket facilities, coaches and a variety of guest speakers.

## **FIRST AID AND SPORT INJURIES (semester course)**

This course teaches students clear and simple first aid procedures and techniques for any medical or emergency situation. Students gain hands-on experience in bandaging, slings, splints, wound dressings and treatment of sports injuries.

There is a strong emphasis on proficient performance of CPR (cardiopulmonary resuscitation) and in conducting an emergency action plan. Students will be required to evaluate, assess and treat according to specific emergency scenarios and compile their own first aid booklet to demonstrate their knowledge and understanding of the topic.

## **FUTSAL (semester course)**

Students have the opportunity to develop their ability to organise, administer and compete in futsal tournaments and coach and manage teams for competition.

Students will be given instructions in the following:

- skill development;
- coaching practice;
- managing game/practice environments, and
- tournament organisation.

Students will fulfil roles such as umpiring, coaching, managing, member of a sports committee, and take ownership of running a futsal competition during the course.

## **GOLF ATHLETE DEVELOPMENT PROGRAM (semester course)**

Students will be given the opportunity to build on and develop their golfing skills both in theory and in practice. They will also experience the difficulties associated with physical and mental aspects of golf and research techniques to help overcome problems to improve skill acquisition.

In this course students will learn about:

- strength and conditioning/physical preparation
- skill and game sense development
- skill acquisition, sport psychology and recovery theory and techniques

Professional coaching will be provided through The Royal Hobart Golf Club to develop their golf skills. Students are expected to represent New Town High School in the golf team. Previous golfing experience is preferred.

- **Please note: Priority is given to Grade 10 students first in this course**

## **OUTDOOR EDUCATION \* (semester course)**

This course will allow students to explore the marine environment, learn about snorkeling/kayaking equipment and how to use it, and learn how to identify native and introduced marine species. Students will also develop their aquatic confidence through participation in snorkeling and kayaking activities. In the cooler months students will experience a variety of short walks on Mt. Wellington and surrounding areas. They will also learn navigation and weather interpretation skills. The course will culminate with a multi-day walk in the Freycinet National Park.

**\*Students must be able to swim 200m of any stroke.**

## **SOCCER ATHLETE DEVELOPMENT\* (full year course)**

Soccer Athlete Development's primary aim is to develop a high quality soccer learning environment so students can build upon existing soccer skills and knowledge. Students choosing this course must be willing to develop physical game skills and fitness characteristics, both in school time and after hours.

Course content will include the following focus areas:

- physical preparation, strength and conditioning, training and fitness testing
- individual skills work and game sense development
- soccer and sports theory (nutrition, sports psychology, recovery, etc.)
- specialist coaching to develop both soccer skills, refereeing and coaching skills
- represent NTHS by participating in tournaments and soccer matches.

\*Priority is given to Grade 10 students.

## **SPORTS FITNESS (semester course)**

Sports fitness is designed to expose students to a range of strength and endurance training principles and how these can be applied to sports. During all strength training, strict safety protocols are followed and students are encouraged to focus on the correct exercise technique. Lifting of weights is allowed only once correct technique has been demonstrated. Aerobic conditioning also forms a key component of the course, with interval training, fartlek, and sprint work and group activities all used to develop the endurance running base of students. Testing of a variety of fitness components is completed and students are then expected to work towards improving key areas of their fitness profile. Students will also learn about some basic nutrition.

## **SPORT SCIENCE (GRADE 9) (full year course)**

Grade 9 Sports Science involves participating in sports, researching how the human body adapts to types of training, testing theories through experiments and completing research assignments. This course involves both theory and practical lessons. Grade 9 Sports Science topics include:

- how the skeletal system responds to sports
- how the bodies energy systems operate during sporting activity
- game day preparation
- design your own sports related fitness tests
- technology and innovation in sport
- sports injuries
- sport in society.

## **SPORTS SCIENCE (GRADE 10) (full year course)**

Sports science will focus on students developing an understanding of how and why athletes achieve success. This course will focus on three main areas; exercise physiology, skill acquisition and sport psychology. Students will gain an understanding of the skeletal, muscular and cardiorespiratory systems and how they are influenced by exercise and training. When learning about skill acquisition, students will investigate how to break down technical skills into sub-routines and how different athletes learn and acquire skills. Students will learn about different coaching styles and how sport psychology can influence athletic performance in positive and/or negative ways.

This course is very challenging and suits those students who have a specific sporting interest of their own. Students will participate in some practical sessions but most lessons will be theory based and taught in the classroom.

## **FUTURE PATHWAYS TO WORK (GRADE 9)\* (full year course)**

In Year 9 students are exposed to concepts and contexts (classroom theory) and practical workplace skills. The course covers skills for learning and work, and career and life design. There is focus on students familiarising themselves with skills, knowledge and capacities required to build foundations for learning and work in the 21st century.

***NB: There is a compulsory theory section of the course to be completed throughout the year in order for work placement to be attended.***

## **FUTURE PATHWAYS TO WORK (GRADE 10)\* (full year course)**

In Year 10 the concepts and skills introduced in Year 9 are investigated and developed at a higher level. This year 10 course covers two main interrelated strands: skills for learning and work, and career and life design. Students are encouraged to be increasingly independent and self-directed learners.

All students will need to present a Resume or similar prior to enrolment in the Year 10 course to assist with the work placement processes.

Parent/guardians and students need to discuss expectations and demands of the subject with the current teacher of Work Related Learning prior to enrolment.

***NB: There is a compulsory theory section of the course to be completed throughout the year in order for work placement to be attended.***