Option Descriptors and Curriculum Information

Year 10



Junior Curriculum

In addition to their school subjects, students are actively encouraged to participate in a range of co-curricular activities – sport, music, culture.

It is the policy of the school that all students are given the opportunity to gain the widest experience of as many subjects as possible while in the junior school. This approach avoids the need to make premature decisions, which might severely limit vocational and further study alternatives.

Each Year 10 student will take a course involving five compulsory subjects, up to four option subjects and may have the opportunity of participating in a special programme. The aims of the Year 10 courses are to prepare students for the following year by developing positive work habits and independent study skills. In addition to their school subjects, students are actively encouraged to participate in a range of co-curricular activities – sport, music, culture.

Year 10 Subject Information

Each Year 10 student will undertake a course involving **five** compulsory full year subjects.

Students in Year 10 can choose to study most subjects for either a half or a full year. This could consist of:

- Two full year options; or
- One full year option and two half year options; or
- Four half year options (cannot choose languages which must be studied for a full year).

Year 10 Compulsory Subject List

Compulsory Full Year Subjects

English

Mathematics

Science

Social Science

Physical Education / Health

Subject	Two-term option	Full year option
Art	✓	✓
Drama	✓	N/A
Music	✓	✓
Food and Nutrition	✓	N/A
Agriculture / Horticulture	✓	N/A
Digital Technology	✓	N/A
Design and Visual Communication	✓	N/A
Design Technology	✓	N/A
Fashion and Textiles Technology	✓	N/A
Trade Skills (Wood and Metal)	✓	N/A
French	N/A	✓
Te Reo Māori	N/A	✓

Special Programmes

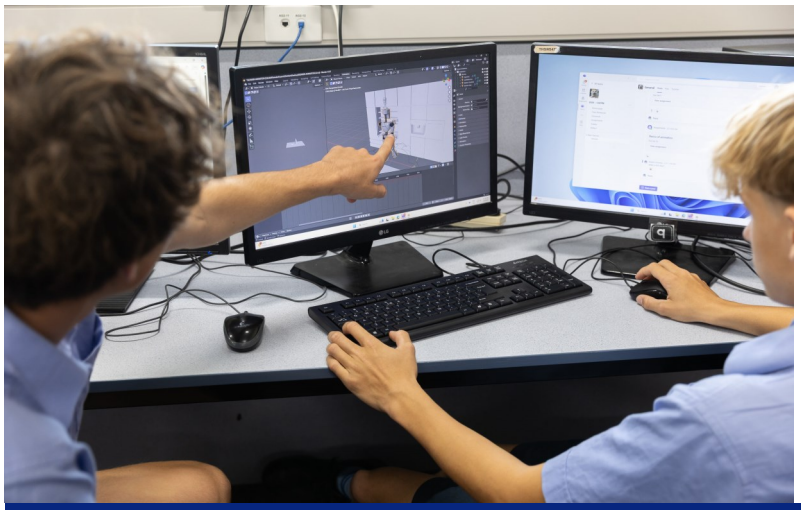
An important aspect of our curriculum is the delivery of special programmes to meet the needs of individual students.

The Awhina Centre

The Awhina Centre offers students with learning difficulties the opportunity for individual assistance or help within a small group. Students can be withdrawn from their normal compulsory classes for various lengths of time and individual programmes will be designed to meet their particular needs.

Enrichment and Extension

As part of normal class differentiation, staff are encouraged to provide a range of extension work to meet the individual learning needs of students in each class in Year 9 and in Year 10, very able students will be accelerated across a range of subjects.





Digital Technologies and Agriculture / Horticulture

Digital Technologies

Unleash your digital potential with our two-term Year 10 Digital Technologies course (10DT). This course takes you from being a user to a creator of new technologies, building the skills to become a future innovator.

You'll explore coding, electronics, media design, animation, and AI—no prior experience required.

In 10DT, you'll work through some exciting units:

Coding: Get hands-on with one of the world's most popular programming languages, Python to create a hands-on game.

Electronics: Expand your knowledge of circuits and create your own functional electronic project to take home.

3D modelling: Use tools used in the movie and engineering world to create 3D models that can be brought to life with 3D printing.

Animation and movies: Use industry-level tools to craft advanced animations and bring stories to life by editing your footage.

AI-Tools: Throughout the course, AI will be intertwined as your project buddy that helps you along the way where appropriate. We will teach you how to use the technology to your advantage.



Take 10DT and build the skills to shape the digital world—your way.

Agriculture / Horticulture

In Year 10 Agriculture/Horticulture, students further develop understanding of career pathways within the Primary Sector and the many varied employment opportunities.

There are opportunities for practical hands on activities and some visits to appropriate local businesses are also included.

This course is designed to learn more about:

- Employment in Agriculture and Horticulture .
- Soils and soil health.
- Water cycle and environmental factors.
- Plant and Animal health.
- A focus study on apple and sheep/beef production.





Visual Art and Languages

Art

Two Term Option - This course extends Year 9 experience and prepares for Year 11 and NCEA Level 1.

Drawing remains a central activity; observation work is often the starting point in a process that leads to a product of a more conceptual nature; sample artists and styles become inspirational models. Experience with media and technique is reinforced and extended. Media include screen printing, wood block printing, painting and sculpture (various materials).

Students who take this course will receive an art pack containing an A3 folder, A3 pad of paper, an eraser and a 6B Art pencil.

Full Year Extension - This course aims to give students further art experience and it is recommended that prospective Year 11 candidates do this extension of Art 1, so they are well prepared for Level 1 NCEA Visual Arts.

Enjoy some lateral thinking and problem solving; some practical manipulation of different media; some flexing of your creative energies; and some information about art. Assessment is based on pupil submission of evidence in the form of artworks and supporting documentation.

Languages: French and Te Reo Māori

In all languages, the work follows on from the Year 9 course. It includes further development of the four language skills of:

- listening
- reading
- speaking
- writing

Cultural aspects will continue to be an important part of the course. The emphasis will be on communication in everyday situations.

Students who wish to study a language in Year 11 must choose that language in Year 10. Students taking a language in Year 10 must take the course as a full year option.







Drama and Music

Drama

Students continue to build on their previous learning, through performance and creation. Students will work at their own level, while working in a collaborative environment, where they will study a variety of performance styles and genres, ranging from the study of Greek Theatre to modern performances.

Students will work on a range of skills and techniques that range from script writing and creating original works to performance and acting skills for stage and film.

Music

Two Term Option
It is designed for those students who already learn an instrument and are considering continuing into the senior school as musicians. Under some circumstances, and at the discretion of the HOD Music, a student who is just beginning their instrument lessons may come into this option.

Content of the Course: Students begin to develop their skills in performance, firstly in a group setting while also developing basic musicianship skills that integrate understanding of theory. Students examine music from different styles and genres. Students also develop their skills in composition by creating original works collaboratively. Students will work at their own level, but all will be expected to aim for excellence in all aspects of their work, and to be dedicated to their study of a particular instrument. (N.B. Voice is an instrument.)

If students are learning their instrument at school rather than privately, their instrumental lesson will be scheduled to happen during this option class time wherever possible.

Criteria for Entry: Students will need to have shown already, preferably in the Year 9 option that they have the determination and the ability to commit themselves to the study of music, whatever their level of performance skill.

Acceptance into the option will be at the discretion of the HOD of Music, after consultation with the student and/or with their current instrumental teacher.

Full Year Extension
This course is specifically designed for students who wish to work towards NCEA in Year 11.

The students are expected to cover the materials that are the foundation of the NCEA level 1 curriculum , as well as elements of Performance, Composition and Musical Knowledge.

All students MUST be learning an instrument. (Don't forget that your voice is an instrument!)





Technology

Design and Visual Communication

This course builds on the skills and knowledge acquired in Year 9. Students will carry out a product and a spatial design project across two terms. They will be introduced to the context of design, and how style is an important factor in the development of their own ideas. They will learn how to work to a design brief, how to come up with a range of ideas, and how to develop and present a final design that meets the brief.

Students who take this option will be well prepared for DVC at NCEA Level 1. A basic kit of equipment is required, which can be purchased though the NZ School Shop online.

Design Technology

This is a **3D DESIGN COURSE** in which the focus is on *designing* and making a product, over two terms. The design tools used include computer modelling using Fusion 360. The practical outcome uses 3D print and laser cutting. Much of the first term is focused on learning how to use the 3D modelling software. For this reason, a laptop and mouse is required. Term 2 introduces a design brief that students have to meet by following a creative design process. **IT IS NOT A TRADITIONAL WORKSHOP COURSE; CONSIDER TRADE SKILLS IF YOU ARE NOT INTERESTED IN DESIGN, RESEARCH, ANALYSIS AND COMPUTER WORK.**

Students who take this course may have their sights set on product design, engineering and manufacturing as a career path, and will be well prepared for NCEA Level 1.

Trade Skills: Wood and Metal

This is a **practical** course based in the wood and metal workshops. Students will do a term working with wood, and a term working with metal. The emphasis is on building practical skills, and safe working methods with these materials.

They will also do classroom-based work on health and safety, and basic drawing for trades. While students can bring some of their own design into their products, this is not the focus of the course. They will learn how to work to a given set of drawings and specifications, how to measure and set out accurately, how to work safely with hand and machine tools, and how to produce a well finished product.

Students who take this course may have their sights on joinery, carpentry, engineering and fabrication as a career path. It will prepare them for our senior courses in Trade Skills, in which student will gain BCATS Unit Standards .





Fashion Technology and Food & Nutrition

Fashion and Textiles Technology

Fashion and Textiles Technology is multifaceted. Careers are broad and can lead to self-employment with a clothing brand, pattern drafting within a company or boutique work merchandising and marketing.. If you are interested in learning how to design, sew, and construct items and you have an interest in fashion design, pattern drafting or manufacture, then this is the course for you.

Year 10 Textiles is a platform course for senior fashion technology. You will learn and reinforce the skills necessary for many projects. It also utilises the design process of technology, including research, creative problem solving, communicating design ideas, implementation, and critical evaluation of a products fitness for purpose.

Students can expect approximately 70% of class time devoted to practical work across the course.

Course Costs: All students will be provided with the basic materials needed to complete the course. Should students want to develop special projects to take home or further enhance their work extra design details, they may need to cover this cost.

Food and Nutrition

This course builds upon the foundation of healthy food choices and goes into further depth looking at functions of nutrients and the effect of deficiencies in the diet. We focus on developing healthy meals for whānau and exploring the influences on food choices in New Zealand. All units include practical work and students are encouraged to develop creativity, originality and a range of cooking and presentation skills.

Students can select this course for two terms.

The Year 10 theory course is delivered online via the OneNote programme; therefore, students will be expected to bring an e-learning device.