



# **YEAR 10 SUBJECT INFORMATION**

**2024**

# INTRODUCTION

This booklet is designed to explain the subjects we will offer for the 2024 Academic Year.

Students who are not sure about what subjects to take should ensure they choose a wide range of subjects.

The school staff is available to advise students or meet with parents about subject choices.

Please phone our school office on 09 423 6030 to arrange an appointment should you need further information.

## When choosing your subjects, keep in mind:

1. English, Mathematics, Social Studies, Science, and Physical Education and Health are compulsory at Year 10.
2. That a good general ability in a range of subjects is what many jobs require.
3. To ensure that all learners have the opportunity to become digitally capable individuals, the Ministry of Education is promoting students to take a Digital Technology subject at Junior level.
4. There are some jobs that require specific subjects - check with our Careers Adviser or your AC teacher to ensure you make a suitable selection.

## Year 10 Compulsory Curriculum Structure

- English
- Mathematics
- Science
- Social Studies
- Physical Education and Health

## Year 10 Options - select **four** from the following:

- DVC
- Digital Technology
- Drama
- Engineering Technology (Metal based)
- Enterprise Studies
- Food Technology
- Material and Technology (Wood based)
- Music
- Spanish
- Sport
- Te Reo Maori (one semester)
- Te Reo Maori (two semesters)
- Visual Arts (one semester)
- Visual Arts (two semesters)

## ACADEMIC PATHWAYS

The framework below shows where Year 10 subjects can lead to in Years 11, 12 and 13 to ensure all students have a pathway to success.

LEVEL 1	LEVEL 2	LEVEL 3	FUTURE
English	English Media Studies	English Literacy English Media Studies	U/P U/P U
Maori Spanish	Maori Spanish	Maori Spanish	U/P U
Mathematics	Mathematics Mathematics with Statistics	Mathematics with Calculus Mathematics with Statistics	U/P U/P
Science	Biology Chemistry General Science Physics	Biology Chemistry Physics	U/P U/P U/P
Geography History Commerce	Geography Tourism History Business Studies	Geography Tourism History Business Studies	U/P P U U/P
Physical Education Health	Physical Education Health	Physical Education Health	U/P U
Construction Materials Technology (wood) Engineering Technology DVC Digital Technology or Computing Hospitality	Building Construction & Design Engineering Technology DVC Digital Technology Hospitality	Building Construction & Design Engineering Technology DVC Digital Technology Hospitality	A/P A/P U/P U/P P
Art Music Drama Performing Arts Technology	Art Photography Music Drama Performing Arts Technology	Art Photography Music Drama Performing Arts Technology	U/P U/P U/P U/P P

### Future Key:

A - Apprenticeships

U - University

P - Polytechnic

## CURRICULUM OVERVIEW

**Note: Bold Type** indicates subjects students must take. Other subjects listed are options that students may choose to take.

LEARNING AREA	YEAR 9 COURSES	YEAR 10 COURSES
<b>English</b>	<b>English</b>	<b>English</b>
<b>Languages and Culture</b>	Maori Spanish	Te Reo Maori Spanish
<b>Mathematics</b>	<b>Mathematics</b>	<b>Mathematics</b>
<b>Science</b>	<b>Science</b>	<b>Science</b>
<b>Social Sciences</b>	<b>Social Studies</b>	<b>Social Studies</b> Enterprise Studies
<b>Health and Physical Well-Being</b>	<b>Physical Education and Health</b> Sport	<b>Physical Education and Health</b> Sport
<b>Technology</b>	Food Technology Materials and Technology - Wood Engineering Technology - Metal DVC Digital Technology	Food Technology Materials and Technology - Wood Engineering Technology - Metal DVC Digital Technology
<b>The Arts</b>	Drama Music Visual Arts	Drama Music Visual Arts

**Academic Counseling** is a class that happens once a week. Students get to discuss their achievements, future subject choices and pathways. PST (parent, student, teacher interviews) are an important part of this process.

## COMPULSORY SUBJECTS

### Year 10 English

English is part of the compulsory programme in Year 10. This course focuses on the development of students' oral, written and visual language and prepares them for NCEA Level 1. Students study a range of texts such as novels, poetry and film through an exciting array of thematic units such as 'Conflict and Survival' and 'Gothic and Urban Myths'. They take part in oral and visual presentations, such as speeches and producing static images, and write in a range of styles. The programme will include standardised reading and writing testing (asTTle) as well as 6 topics that contribute toward the Junior Certificate of Educational Achievement. Students will have the opportunity to complete the NCEA Level 1 Literacy co-requisites for reading and writing.

Topic Name	Assessment Dates	Selected for JCEA
Visual Text Study	Term 1	No
Close Reading of a Visual Text	Term 1	Yes
Written Text Study	Term 2	No
Close Reading of Unfamiliar Texts	Term 2	No
Static Image	Term 2	Yes
Non-Fiction Study	Term 3	No
Research Assignment	Term 3	Yes
Writing Portfolio	Term 3	Yes
Response to Visual Text Essay	Term 4 – Exam	Yes
Close Reading of Unfamiliar Texts	Term 4 – Exam	Yes

### Year 10 Mathematics

Mathematics and Statistics is a part of the compulsory programme for Year 10. Content is delivered by curriculum levels with units in Number, Algebra, Statistics, Probability, Geometry, and Measurement. Students are able to work at their current level of mathematical competence and are challenged to develop the skills required for success at the next level. The minimum goal in Year 10 is to achieve at NZ Curriculum Level 5, in order to be prepared for success in NCEA Level 1 (NZ Curriculum Level 6). There are two key competencies that are particularly important for mathematics; to be effective thinkers, and to be able to communicate one's thinking with accuracy and precision.

Topic Name	Assessment Dates	Selected for JCEA
Topic 1 Measurement and Number	Term 1	Yes
Topic 2 Statistics and Number	Term 1	Yes
Topic 3 Algebra and Number	Term 2	Yes
Topic 4 Probability and Number	Term 3	Yes
Topic 5 Geometry and Number	Term 3	Yes
End of Year Exam	Term 4	Yes

## Year 10 Physical Education & Health

Physical Education & Health is a compulsory core subject that is timetabled 3 lessons per week. This course is designed to continue on from the skills and themes developed in Year 9. Specifically in Physical Education, students will move beyond personal skill development to working cooperatively and assisting others to learn. In Health, students will focus more on the dynamic states of personal well-being and ways we can maintain a healthy balance through life. The course runs for the entire year and the assessments are at Curriculum Level 5.

Equipment: Activewear for all practical lessons. Device, pens or pencils for theory lessons.

Topic Name	Assessment Dates	Selected for JCEA
Water Safety	Term 1	Yes
Inclusion and Disability in Sports	Term 1	No
Leadership	Term 2	Yes
Cultural and International Games	Term 2	Yes
Nutrition	Term 2	Yes
Exercise Physiology and Fitness	Term 3	Yes
Vaping, Alcohol and Drug Education	Term 4	No
Game Strategies	Term 2, 3 and 4	No

## Year 10 Science

This course is designed to build on the concepts covered in Year 9 in order to prepare students for NCEA Level 1 Science. Consequently, emphasis is placed on further developing the students' science literacy, numeracy and writing; research skills and investigative skills with strands of Mātauranga Māori. Key Competencies and Science Capabilities are developed through the Nature of Science strand of the science curriculum.

Equipment: Year 10 SCIPAD \$18

Topic Name	Assessment Dates	Selected for JCEA
Acids and Bases	Term 1	Yes
Electricity	Term 1	Yes
Genetics and Evolution	Term 2	Yes
Birds and Bees	Term 2	Yes
Geology / Earth Science	Term 3	No
Force and Motion	Term 4	Yes

## Year 10 Social Studies

Through the social sciences, students develop the knowledge and skills to enable them to: better understand, participate in and contribute to the local, national and global communities in which they live and work; engage critically with societal issues and evaluate the sustainability of alternative social, economic, political and environmental practices.

Topic Name	Assessment Dates	Selected for JCEA
Geography - Mapping Skills	Term 1	Yes
Sustainability - Kaitiakitanga	Term 2	Yes
Commerce - Money Go Round	Term 3	Yes
Human Rights - That's Not Fair	Term 4	Yes
Te Tiriti	Term 4	Yes

## OPTION SUBJECTS

### Year 10 Design and Visual Communication (DVC)

This one semester course teaches a range of essential skills required to be a product designer, architect, or graphic designer. Skills in freehand sketching and rendering, spatial design and visual presentations will be learnt through project based learning. Products will be designed and presented using freehand rendering and sketching skills while spatial designs will incorporate one and two point perspective drawing and an opportunity to make a 3D model. No prior experience is required, but a willingness to learn and develop new skills is important. The course carries through to Level 3.

Contribution: \$10

Topic Name	Assessment Dates	Selected for JCEA
Rendering and Sketching Drawing	Term 1/3	Yes
Spatial Design	Term 1/3	Yes
Presentation and 3D Modelling	Term 2/4	Yes

### Year 10 Digital Technology

This course focuses on providing the skills for NCEA Level 1 through briefs incorporated within the design process. Students will learn to design and develop a website using html and css. They will also develop resilience in problem solving skills when working within teams to develop a final electronics product. It is an advantage to have satisfactorily completed this course before selecting the Level 1 course. The course carries through to NCEA Level 3.

Contribution: \$30

Topic Name	Assessment Dates	Selected for JCEA
Electronics	Term 1/3	Yes
Game Design	Term 2/4	Yes
Drawing with Apps	Term 1/3	Yes

### Year 10 Drama

The course runs for one semester (two terms) and assessments are at Curriculum Level 5. Students further develop their skills and knowledge of the elements and conventions of drama. They will continue to develop their physical and vocal acting technique in addition to further exploring mime, improvisation, character development and role play. Students will be given the opportunity to devise a performance, learn how to operate as a chorus – encouraging the concept of ensemble acting, and participate in a play. They will also be introduced to physical theatre for the purposes of devising. This course is the foundation for students who wish to pursue drama at NCEA Level 1 and beyond. There are three assessments which all contribute toward JCEA. Students will also have the opportunity to explore Performing Arts – mask and prop making for example.

Topic Name	Assessment Dates	Selected for JCEA
Keeping It Together: Chorus Work	Term 1	Yes
Devise and perform a short drama using physical theatre	Term 1 and 2	Yes
Perform an acting role in a play	Term 2	Yes
Introduction to Commedia dell Arte	Term 2	No

### **Year 10 Engineering Technology**

Year 10 Engineering Technology is about building on knowledge and skills learned in Year 9 and increasing the range of tools and equipment students can confidently use. This includes basic welding, electronics and sheet metal; leading students into more advanced project work including design. The course also covers workshop safety with a deeper understanding of workshop practice. This course gives students the opportunity to follow such diverse careers as robotics, electronics, automotive, construction and many other professions.

Contribution: \$40

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Machinist clamp	Term 1/3	Yes
Tools and Techniques	Term 1/3	Yes
Everyday carry tool	Term 2/4	Yes

### **Year 10 Enterprise Studies**

This half year course covers a range of life skills: from personal finances and tax responsibilities, to creative problem solving, and social enterprise.

Contribution: \$10 start-up capital for Market Day

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Understanding personal finances	Term 1	Yes
Planning a business activity in a group	Term 2	Yes
US28087 Demonstrate knowledge of the effect of life stages on personal income	Term 2	Yes

### **Year 10 Food Technology**

This course is designed to stimulate students' interest in Food Technology and to help them develop the relevant knowledge and skills required for further study; and to foster lifelong skills and enthusiasm for cooking, nutrition and work or a career in the food industry. All topics will have aspects of food safety and hygiene. Planning, designing and preparing a healthy meal is a highlight of the course. They will also have experiences in modifying recipes to suit individual needs.

Contribution: \$80      Equipment: covered shoes, hair ties

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Knife Skills	Term 1/3	Yes
Meal Planning	Term 1/3	Yes
Healthy Meal Development	Term 2/4	Yes



### **Year 10 Horticulture and Agriculture**

This one semester course places an emphasis on the knowledge of horticulture from pasture to plate. Students will be developing knowledge and participating in plant growing, soil testing, and product testing. We will look at how we can maintain and improve NZ's primary industry and the marketing around this. This course gives students the opportunity to be in charge of their own garden, grow produce and plan for the future.

Equipment: clearfile, refill pad, pens/pencil for theory

Course contribution: \$15

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
The Perfect Soil	Term 1	Yes
Plant Propagation	Term 1/2	Yes
Primary Production	Term 2	Yes

### **Year 10 Materials and Technology - Wood Based**

This is a one semester course where students will make furniture type projects that require some individual design and problem solving capability, using a range of wood related materials. Although not compulsory, it is an advantage to have satisfactorily completed this course, before selecting a Level 1 Building Construction or Materials and Technology course in Year 11. It is a strong advantage to have followed a technology or building construction course pathway if students intend pursuing an Industrial Apprenticeship, or a career in Industrial Technology / Design / Arts.

Course contribution: \$50

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Workshop safety and responsibility	Term 1/3	Yes
Knowledge and understanding of resistant materials	Term 1/3	Yes
Applied use of tools, materials, process and techniques	Term 2/4	Yes

### **Year 10 Music**

This course runs for one semester and assessments are at Curriculum Level 5. Learners explore a wide range of topics. The course is loosely based on the NCEA Level 1 course to ensure they are prepared for the requirements of NCEA Level 1. They work on developing their theory skills, compose music and participate in performing in a group and as a soloist. They also study the development of classical music from the Baroque Period through to the early 20th Century. It is desirable that students are learning an instrument, including voice, either through the Group Itinerant Music Scheme at school or privately. Please see HoD Music to discuss further.

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Score reading and analysis	Term 1/2	No
Overview of the period of classical music	Term 2	Yes
Instrument skills - solo and group	Term 1/2	Yes
Music theory	Term 2	Yes
Music technology	Term 2	No

### **Year 10 Spanish**

Year 10 Spanish introduces four topics that contribute toward Junior Certificate of Educational Achievement. The course runs for one semester and assessments are at curriculum levels 3-4. This programme is made up of 3 internal assessment tasks. The four topics give students the opportunity to communicate about themselves and their immediate environment and begin to communicate about life beyond their own experiences. The topics are: Going to School; Eat, Shop, Celebrate; At Home, Getting around town. This course is the foundation for students who wish to pursue Level 1 Spanish and beyond.

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Understanding Spoken Spanish - Listening	Term 1/3	Yes
Understanding Written Spanish - Reading	Term 1/3	Yes
Speaking in Spanish	Term 2/4	Yes
Writing in Spanish	Term 2/4	No

### **Year 10 Sport**

Year 10 Sport is an option subject that runs for one semester. There is a heavy emphasis on practical participation, however some theory will be involved to enrich student learning. The topics covered are based on Active Participation, Interpersonal Skills, Analysing to Improve and Motor Skill Learning. These will be completed through a combination of demonstrations, as well as student/peer/teacher judgements. Assessments are at Curriculum Level 5.

Equipment: Activewear for all practical lessons. Device, pens or pencils for theory lessons.

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Active Participation	By semester end	Yes
Interpersonal Skills	By semester end	yes
Analysing to Improve	By semester end	Yes
Motor Skill Learning	By semester end	No

### **Year 10 Te Reo Maori (one semester)**

This course is based on Te Aho Arataki mo te Ako I Te Reo Maori (the Maori Curriculum for Mainstream Schools). During the semester, all students will use Te Reo Maori in the following contexts: Tikanga Marae (using customs and practices on the Marae), Korero (conversational skills), Whakatauki (proverbs), Rerenga Ahua and Rerenga mahi (nominal and active sentences), Purakau (legends). Assessments are at Curriculum Level 5. This course will prepare students for NCEA Level 1 and 2.

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Tikanga Marae	Term 1/3	No
Panui	Term 1/3	Yes
Whakarongo	Term 1/3	Yes
Tuhituhi	Term 2/4	Yes
Korero	Term 2/4	Yes

### **Year 10 Te Reo Maori (full year)**

This course is based on Te Aho Arataki mo te Ako I Te Reo Maori (the Maori Curriculum for Mainstream Schools) and expands on the content of the one semester course. During the year, all students will use Te Reo Maori in the following contexts: Tikanga Marae (using customs and practices on the Marae), Kororero (conversational skills), Whakatauki (proverbs), Rerenga Ahua and Rerenga mahi (nominal and active sentences), Purakau (legends). Assessments are at Curriculum Level 5. This course will prepare students for NCEA Level 1 and 2.

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Tikanga Marae	Term 1	No
Panui	Term 1	Yes
Whakarongo	Term 2	Yes
Tuhituhi	Term 3	Yes
Korero	Term 4	Yes

### **Year 10 Visual Arts (one semester)**

This is a half year course covering a variety of different projects involving portrait painting, clay sculpting and illustrative design. The skills and techniques learned at this level are a prerequisite for entry to NCEA Level 1, which carries through to NCEA Level 3 and provides an excellent entry for further tertiary study in design and architecture as well as the fine arts.

Contribution: \$20 take home materials

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Observational Drawing - Portraiture	Term 1	Yes
Portrait Painting	Term 1	Yes
Sculpture	Term 2	No
Design	Term 2	Yes

### **Year 10 Visual Arts (full year)**

This is a full year course covering a variety of different projects involving portrait painting, clay sculpting and illustrative design. The skills and techniques learned at this level are a prerequisite for entry to NCEA Level 1, which carries through to Level 3 and provides an excellent entry for further tertiary study in design and architecture, as well as the fine arts.

Contribution: \$40 take home materials

<b>Topic Name</b>	<b>Assessment Dates</b>	<b>Selected for JCEA</b>
Observational Drawing - Portraiture	Term 1	Yes
Portrait Painting	Term 1	Yes
Artistic Models	Term 1	Yes
Clay Bust	Term 2	No
Mosaic	Term 2	No
Van Gogh / Durer Research	Term 2	No
Design - Typography / Fonts	Term 3	No
Design Illustration	Term 3	Yes
Cardboard Mechanics	Term 3	No
Maori Symbol in Carving	Term 4	Yes

***(Subject to change)***

## ONLINE COURSES

It is possible for junior students to enrol in either Video Conferencing or Te Kura.

Video conferencing is where the student meets once a week online with an allocated teacher. This meeting will be when they have a normal timetabled class. The student must attend the online class. After that, the student will have three lessons (usually timetabled in the Library) to keep up to date with their online work. The following courses will be offered for Video Conferencing in 2024:

<https://olc.school.nz/Courses>

Te Kura is where the student completes all their work online. There is a series of lessons which the students work through. The student will have three lessons (usually timetabled in the Library) to keep up to date with their online work. The current courses are offered by Te Kura.

<https://www.tekura.school.nz/subjects-and-courses/>

These may be subject to change in 2024.

Online courses are available to students who demonstrate a strong work ethic and enjoy working by themselves in an online environment. Students can choose different subjects to those that are offered at Rodney College. Students can also choose a course which they are not able to do at Rodney College due to a subject clash. Students can also choose which level they work at: Year 9 - Curriculum Level 4; Year 10 - Curriculum Level 5, NCEA Level 1.