

# RUTHERFORD COLLEGE

## Year 10 Options 2025



Name: \_\_\_\_\_

Tutor Class: \_\_\_\_\_



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## YEAR 10 REQUIREMENTS

It is compulsory for Year 10 students to study:

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

Students also have the opportunity to choose option subjects:

Either 4 half year options  
Or 2 half year options and a full year option  
Or 2 full year options

This option book has information on each of the subjects offered to Year 10 students to help you make a decision about your option subjects.

Students need to consider where each of the option subjects they choose will lead in the senior school. Look at the COURSE PROGRESSIONS summary before you choose your option subjects for Year 10.

While you are considering your options for next year you need to talk with the following people:

- your subject teachers
- your tutor teacher
- your parents/caregivers
- Careers Team – Mrs Gibson and Mrs McGough

At Rutherford, we want all students to strive for personal excellence by choosing appropriate subjects.

## The Timeline for Choosing

Key Date	What is happening	What I have to do
Week 4: 12-16 August	Options week Exploring Options and Careers	Work with your Tutor teacher looking at possible subjects – using the online Senior Option Handbook and online Course Selection in the Schoolbridge KAMAR Student Portal
THURSDAY 15 AUGUST 2.00 – 8.00pm	Interviews at school for students and their Caregivers to discuss report and 2025 Options Careers Expo in Hall	Students and Caregivers to attend 2.00 – 8.00 pm
THURSDAY 22 AUGUST	Online Course Selection in the KAMAR Student Portal will be closed to all students at 3pm.	Finalise your courses for 2025. You will be able to change choices online up until this date.

## COMPULSORY SUBJECTS

### ENGLISH

This course is designed to ensure all students are prepared for NCEA and to be lifelong learners. Students learn to process and present ideas with understanding and confidence. Exposure to a variety of rich texts, development of writing skills for different purposes and a range of assessment opportunities ensure that students become effective oral, written and visual communicators. Assessment and feedback are designed to meet student needs and clearly monitor progress against the New Zealand Curriculum.

### HEALTH AND PHYSICAL EDUCATION

Health and Physical Education focuses on the wellbeing of the students themselves, of other people and of society. Through learning and by accepting challenges in health related and movement contexts, students reflect on the nature of wellbeing and how to promote it. The key learning areas covered are: physical activity, sport studies, outdoor education, interpersonal skills, mental health, drug education, sexuality education, body care and decision making.

### MATHEMATICS

This course is designed to develop student's understanding of Mathematics and Statistics. The topics covered during the year include: Number, Measurement, Algebra, Trigonometry, Statistics and Probability. AsTTle testing, classroom assessments and end of year examinations are used to diagnose students' learning needs and to prepare them for NCEA.

### SCIENCE

This is a practical course that challenges the student's views about the living, physical and material aspects of our world. They will develop skills in literacy, numeracy and be able to carry out investigations on their own. The eight topics covered give students a solid base to succeed in courses in Science, Biology, Chemistry and Physics in subsequent years. Assessments in Year 10 reflect the variety of assessment types that students will encounter in NCEA.

### SOCIAL STUDIES

Social Studies helps students to understand the world in which they live. It teaches the fundamental concepts of culture, environment, economics and politics. These all contribute to the students becoming knowledgeable and responsible members of society. Topics are skills and concept based allowing students to transfer their knowledge to all areas of their life. The course provides a sound background for senior Social Science subjects such as History, Geography, Classical Studies, Accounting and Economics.

## FULL YEAR OPTION SUBJECTS

CHINESE [CHI]  
MISS HSIAO IN ROOM C10

This course builds on the basic language knowledge and skills gained from Year 9 Chinese with emphasis on communication through speaking and writing simple Chinese texts in a supported situation as well as understanding simple oral and written texts in Chinese. Students are expected to describe aspects of their own background and immediate contexts relevant to themselves in simple Chinese.

*You MUST have taken Chinese in Year 9 as a pre-requisite or in consultation with the TIC/HOD.*

GERMAN [GER]  
MRS SCHEFFER COSSLETT IN ROOM C12

This course builds on the basic language knowledge and skills gained from Year 9 German with emphasis on communication through speaking and writing simple German texts in a supported situation as well as understanding simple oral and written texts in German. Students are expected to describe aspects of their own background and immediate contexts relevant to themselves in simple German.

*You MUST have taken German in Year 9 as a pre-requisite or in consultation with the TIC/HOD.*

JAPANESE [JAP]  
MISS CHIBA IN ROOM C11

This course builds on the basic language knowledge and skills gained from Year 9 Japanese with emphasis on communication through speaking and writing simple Japanese texts in a supported situation as well as understanding simple oral and written texts in Japanese. Students are expected to describe aspects of their own background and immediate contexts relevant to themselves in simple Japanese.

*You MUST have taken Japanese in Year 9, as a pre-requisite or in consultation with the TIC/HOD.*

TE REO MĀORI [MAO]  
MATUA JEFF RUHA, WHAEA STACEY, MATUA PARATENE IN MARAE

This course builds on the knowledge and skills gained in Year 9 Te Reo. Students can understand te reo Māori that contains well-rehearsed sentence patterns and familiar vocabulary and can interact in predictable exchanges. They can read and write straightforward versions of what they have learned to say. They are aware of and understand some of the typical cultural conventions that operate in interpersonal communication. Students are developing an awareness of the process involved in learning te reo Māori.

*You MUST have taken the language in Year 9 as a pre-requisite or in consultation with the TIC/HOD.*

## HALF YEAR OPTION SUBJECTS

### ART DESIGN [ADS]

MS IVANOVIC IN ROOM F3

This course uses both traditional and digital media skills to investigate and solve specific design problems that will be extended in the senior courses. The projects include photography, woodcut (illustration) and logo design. Students will need printing credit (approximately \$5.00) and are expected to pay a \$10.00 fee, which provides the materials for the course. For the photography project, students will use their own phones.

### ART [ART]

MS IVANOVIC IN ROOM F3

This course concentrates on the traditional Art areas of drawing, painting and print-making. In the different projects, students will look at artist models. Skills learnt in this course will be required for the senior courses or 11ART and 11ADS (Art Design). Students are expected to pay a \$10.00 fee, which provides the materials for the course.

### BUSINESS STUDIES [BUS]

MS BALOGH IN ROOM D13

This course will enable students to gain an insight into the world of business and economics. Students explore the key elements of successful enterprises with a focus on the role of the entrepreneur and the market. This is interwoven with basic economic concepts such as scarcity, use of resources and production as well as marketing. This course leads to Economics at senior levels. Devices are highly recommended.

### COMPUTER PROGRAMMING [CPT]

MR BARRIE IN ROOM D11

This practical course provides an introduction into Computer Programming. It involves computer game creation, following a technological process through Scratch programming and VR opportunities. Application design for digital devices and developing websites using JavaScript, HTML and CSS languages, creating interactive environments to enjoy outside of school.

### DANCE [DAN]

MRS FAHITUA IN ROOM A8

This practical course further develops Year 9 dance choreography and performance skills. This is a challenging, physical course promoting group work, communication and confidence.

### DRAMA [DRA]

MISS WILSON IN ROOM F2

This course builds on Year 9 drama skills in drama techniques and devising drama. This is a practical course covering story-telling, physical theatre and monologue as well as promoting group skills, confidence and live performance skills.

### ELECTRONICS [TEL]

MR LAL IN ROOM E2

This course aims to develop students' knowledge of basic electronic concepts, using a mix of both theory and practical circuit building. Students will design and make an electronic product using the technology design process. They will also learn Control Electronics through the programming of Arduino microcontrollers based on a line following robot. There is a course fee of \$35.00 to cover resources used.

### FASHION DESIGN [TFD]

MS FERGUSON IN ROOM E10

Fashion and design allows you to explore and deepen your understanding of working with fabrics while following a technological process. Students will develop their skills over a variety of projects, including making a hoodie. Students are expected to pay \$30 for the fabric that is provided for the projects.

#### FINANCIAL LITERACY [CFL]

MS BALOGH IN ROOM D13

This course is an introduction to basic knowledge and skills used by individuals, households, small business and community organisations in managing their finances. It includes budgeting, net worth, saving, borrowing, documents used, simple calculations and record-keeping and terminology. Computer programmes are used throughout the course so devices are highly recommended. It leads to accounting at senior levels.

#### FOOD TECHNOLOGY [TFT]

MS HAYES IN ROOM E9

This course aims to enrich the student's ability to identify, select and prepare foods in a safe hygienic manner. In Year 10 there are three major units of work. The students will investigate nutrients and how to create dishes to fuel their developing bodies. Explore staple foods through international cuisine. As well as, look into food provenance with the breakfast project. Students are expected to pay a \$60 fee which provides the ingredients for the semester course.

#### GRAPHICS [GDS]

MR DODDS IN ROOM E1

Students design, develop and present solutions to given issues following the design process. They will learn technical drawing skills and presentation techniques to convey their solution. Students will be introduced to computer aided design through the SketchUp programme.

#### HARD MATERIALS TECHNOLOGY [TMH]

MR PLACE IN ROOM E3

Students design, test and make projects in response to a given issue using a well defined technological process. The students have the opportunity to work in a range of materials such as wood and plastic using a variety of hand tools, fixed machinery and Computer Aided Manufacturing techniques to develop their projects. Students are expected to pay a \$30 fee which provides the materials for the course.

#### MUSIC [MUS]

MRS TAULA IN ROOM A9

This course covers music knowledge (the study of music elements within different styles of music), solo and group performances, aural skills, theory and music composition.

#### PHILOSOPHY [PHI]

MR ALLISON-MAXWELL IN ROOM D6

Is it morally acceptable to enjoy violent movies and games? Can we trust our senses and our brain to tell us what the world is really like? What is bravery? These are philosophical questions. In this course students will develop practical philosophical skills through the use of texts, discussions, debates and research projects. These skills will help students to question the world around them, challenge ideas, develop reasoned opinions and engage with other peoples' points-of-view.

#### SPORTS SCIENCE [SPS]

MS J WILSON IN PHYSICAL EDUCATION OFFICE

Students are introduced to a range of Sport Science concepts including Human Anatomy and Physiology, Biomechanics and skill learning principles. A combination of theory and practical sessions will develop student's understanding of these concepts. A strong focus is placed on the language of Physical Education in order to prepare students for NCEA Level 1 PED.

#### SPORTING EXCELLENCE [SPX]

MS J WILSON IN PHYSICAL EDUCATION OFFICE

This course is designed to assist students wanting to pursue sport at a high level. The course content will include anatomy, physiology, training principles and nutrition to assist students with reaching their goals. It will also include aspects of sport psychology and time management to help students balance their academic and sporting ventures to ensure total well-being. Those who take this course cannot take Sports Science. This course will help prepare students for NCEA Level 1 Physical Education.

#### TE AO MĀORI [TAM]

MATUA JEFF, WHAEA STACEY, MATUA PARATENE - MARAE

This course builds on the knowledge and skills gained in Year 9 Te Ao Māori. Students can understand te reo Māori, te ao Māori, te ao Haka and the tikanga that goes with it to understand the different aspects of Te Ao Māori. We learn through tikanga, kawa, whakairo, raranga, kapa haka and many more to excel through your identity. "He Māori ahau, e noho Māori nei ki tōku Ao Māori. Mā runga i tēnā ka Tōhea e au."



## START YOUR PLANNING HERE

What do I like studying?	My Favourite Subjects are	Things I need to work on are...
<b>My Skills</b>	<p>Think about what you are like as a person at school and outside of school.</p> <ul style="list-style-type: none"> <li>· What do you like doing?</li> <li>· What have you done well at?</li> <li>· To help you, think about the activities you have completed in the school Health and Careers programme</li> </ul>	<b>My Achievements</b>
What are you good at doing?		What you are proud of having done?
<b>My Values</b>	<b>My Interests outside of School are ...</b>	<b>My family's expectations of me are...</b>
What is important to you in your life?		

## COURSE PROGRESSIONS

Subject	Year 9	Year 10
ARTS – Visual	Visual Arts	Art Art Design
ARTS – Performing	Dance Drama Music	Dance Drama Music
ENGLISH	English	English
ESOL	ELL	ELL
LANGUAGES	Chinese German Japanese	Chinese German Japanese
TE AO MAORI	Te Reo Maori Te Ao Maori	Te Reo Maori Te Ao Maori
MATHEMATICS	Mathematics	Mathematics
HEALTH EDUCATION PHYSICAL EDUCATION	Health Physical Education	Health Physical Education Sports Science Sporting Excellence
SCIENCE	Science	Science
SOCIAL SCIENCES	Social Studies	Business Studies Financial Literacy Philosophy Social Studies
TECHNOLOGY	Computer Science Digital Technology  Fashion Design Food Technology  Hard Materials	Computer Programming Digital Technology  Electronics Fashion Design Food Technology  Graphics Hard Materials
PATHWAYS		

<b>SENIOR COURSE PROGRESSIONS</b>		
Year 11	Year 12	Year 13 * UE Approved
Art Design Photography	Art Design Photography	Art * Design * Photography *
Dance Drama Music	Dance Drama Music	Dance * Drama * Music *
English  Media Studies	English  Media Studies	English *  Media Studies *
EL3	EL4	ELL / EAP
Chinese German Japanese	Chinese German Japanese	Chinese * German * Japanese *
Te Reo Maori Te Ao Haka Mahi-ā-Toi	Te Reo Maori Te Ao Haka Mahi-ā-Toi	Te Reo Maori * Te Ao Haka * Mahi-ā-Toi
Mathematics Mathematics Internal Mathematics Combined	Mathematics Mathematics Internal Mathematics Combined	Mathematics – Calculus * Mathematics – Statistics *
Physical Education Physical Activity & Leisure Studies Health	Physical Education Physical Activity & Leisure Studies Health Outdoor Education	Physical Education * Physical Activity & Leisure Studies Health * Outdoor Education Police and Uniformed Services
Science Physical Science  Science Applied	Biology Chemistry Physics General Science	Biology * Chemistry * Physics * General Science *
Commerce Commerce Geography History	Accounting Economics Geography History Travel and Tourism Classical Studies	Accounting * Economics * Geography * History * Travel and Tourism Classical Studies *
Computer Programming Electronics Fashion Design Food Technology Hospitality Graphics Building Engineering Technology Product Design	Computer Programming Electronics Fashion Design Food Technology Hospitality Graphics Building Engineering Technology Product Design Mechatronics	Digital Technology * Technology Product Design * Technology Fashion Design * Food Technology * Hospitality Graphics * Building Engineering Technology Product Design * Mechatronics
Skill Pathways	Skill Pathways Early Childhood Gateway	Skill Pathways Early Childhood Gateway

## CHOOSING MY SUBJECTS

	Compulsory				
My Year 10 Subjects	Subject 1 English	Subject 2 Mathematics	Subject 3 Science	Subject 4 Social Studies	Subject 5 Physical Education/ Health
	Students attend these classes in their Tutor class group.				

### Optional Choices

Students either pick 4 Half year options

	Half year	Half year	Half year	Half year
My Year 10 Subjects	Subject 6	Subject 7	Subject 8	Subject 9

OR

2 Half year options and a full year option

	Half year	Half year	Full Year
My Year 10 Subjects	Subject 6	Subject 7	Subject 8

OR

2 Full year options.

	Full Year	Full Year
My Year 10 Choices	Subject 6	Subject 7

## RUTHERFORD COLLEGE SUBJECT CHOICE FOR 2025

YEAR 9

YEAR 10

NAME: \_\_\_\_\_

TUTOR CLASS: \_\_\_\_\_

Do you intend to return to Rutherford College next year?

[Please circle one] 

YES	NO	UNSURE
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If NO what will you be going to do and where?

—

**COMPLETING THIS FORM**

The 5 learning areas of English, Mathematics, Science, Health and Physical Education, and Social Studies all have a compulsory programme at Year 10 level.

As well as these 5 subjects you can also choose:

- EITHER 4 half year subjects – a total of 9 subjects
- OR 2 half year and 1 Full year subject – a total of 8 subjects
- OR 2 Full year subjects – a total of 7 subjects

### EITHER

4 Half year options – circle or highlight 4 from the list below

Half year			
10ADS	Art Design	10TFD	Fashion Design
10ART	Art	10TFT	Food Technology
10BUS	Business Studies	10GDS	Graphics
10CPT	Computer Programming	10TMH	Hard Materials Technology
10DAN	Dance	10MUS	Music
10CFL	Financial Literacy	10PHI	Philosophy
10TDT	Digital Technology	10SPS	Sports Science
10DRA	Drama	10SPX	Sporting Excellence
10TEL	Electronics	10TAM	Te Ao Maori

### OR

2 Half year options and a full year option – circle or highlight TWO from the Half Year list above and ONE from the Full Year list below

### OR

2 Full year options – circle or highlight TWO from the list below:

Full Year		HOD Approval (signature below)
10CHI	Chinese	.....
10GER	German	.....
10JAP	Japanese	.....
10MAO	Te Reo Maori	.....

Now follow the instructions on Page 14 and go to the Rutherford website to make your option choices.

## Preparation before making your option selections online

In Tutor class work through the small handbook using Pages 12 and 13 to make your choices. This will make it easier for you when you go to use the online Course Selection.

## The Option selection on-line process (accessible from Wednesday 14 August 2024)

- Students /parents go to the Rutherford College website
- Log in as a student using your usual school email account and password – use the Microsoft option
- Go to Course selection icon on the portal

This will open to the page with options at your year level in 2025 ie. Year 9 will then bring up Year 10 options for 2025.

### *CHECK THE INSTRUCTIONS BEFORE PROCEEDING*

- Click on one subject per column – then move down and across to make your next choice. The columns change colour as you select across.

(Clicking on the subject title will open an information box about that subject)

### **Submit your options by August 22 3pm**

*Preview your selection before saving.*