

RUTHERFORD COLLEGE

Year 10 Options

2024



Name: _____

Tutor Class: _____

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: 7-11 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 10 AUGUST 2.00 – 8.00pm | Interviews at school for students and their Caregivers to discuss report and 2024 Options Careers Expo in Hall | Students and Caregivers to attend 2.00 – 8.00 pm |
| THURSDAY 17 AUGUST | Online Course Selection in the KAMAR Student Portal will be closed to all students at 3pm. | Finalise your courses for 2024. 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 need 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.

OPTION SUBJECTS

Full Year Options

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 JOEL 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.*

OPTION SUBJECTS

Half Year Options

ART DESIGN [ADS] MRS REID IN ROOM 84

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] MRS REID IN ROOM 84

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 61

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 GILMORE IN ROOM 68

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] MISS WILSON IN ROOM 8

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

DIGITAL TECHNOLOGY [TDT] MR BARRIE IN ROOM 66

The focus of this course is on developing student confidence to efficiently and effectively use a range of computer skills. Students will use and apply digital tools, concepts and skills for the management and presentation of information using a range of programs. They will explore communication through the use of digital media and develop the ability to create and publish a digital media product.

DRAMA [DRA] MISS WILSON IN ROOM 85

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 DEMPSEY IN ROOM 73

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 70A

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 61**

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 78**

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 75**

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 Sketch Up programme.

HARD MATERIALS TECHNOLOGY [TMH]**MR PLACE IN ROOM 74**

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 and fixed machinery. Students are expected to pay a \$30 fee which provides the materials for the course.

MUSIC [MUS]**MRS TAULA IN ROOM 9**

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 51/52**

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 students 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 principals 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 JOEL - 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, kappa 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... |
| | | |
| My Skills | Think about what you are like as a person at school and outside of school. <ul style="list-style-type: none"> • What do you like doing? • What have you done well at? • To help you, think about the activities you have completed in the school Health and Careers programme | My Achievements |
| What are you good at doing? | | What you are proud of having done? |
| My Values | My Interests outside of School are ... | My family's expectations of me are... |
| 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 | | |

COURSE PROGRESSIONS

| 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 | English | English * |
| Media Studies | Media Studies | 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 Subject 6 | Half year Subject 7 | Half year Subject 8 | Half year Subject 9 |
|----------------------------|------------------------|------------------------|------------------------|------------------------|
| My Year 10 Subjects | | | | |

OR

2 Half year options and a full year option

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

OR

2 Full year options.

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

RUTHERFORD COLLEGE SUBJECT CHOICE FOR 2024

YEAR 9 → YEAR 10

NAME:

TUTOR CLASS:

Do you intend to return to Rutherford College next year?

[Please circle one] YES NO UNSURE

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 12 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 10 and 11 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 Thursday 10 August 2023)

- Go to the Rutherford website
- On the top right hand side is the login button
- This will bring up Schoolbridge / School Portal
- Sign in using your Rutherford email account. If you haven't signed in previously please sign in using the Microsoft option.
- Click on the Course Selection icon to make your option selections
- This will open to the page with options at your year in 2024

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)

PREVIEW YOUR SELECTION BEFORE SAVING.