Year 10 Subject Selection Guide 2021

Introduction:
This booklet is provided to assist Year 9 students and your parents/caregivers in selecting subjects for Year 10. Details of all Year 10 subjects offered at Macleans College are included in the booklet. You are advised to carefully check course descriptions, details and recommended backgrounds before you choose your options. You will be making your option choices online.

While we encourage Year 9 and 10 students to start thinking about your future career plans it is important not to focus narrowly on one career idea. Junior students should aim to keep a broad educational platform with as many doors as possible open and not worry about trying to decide which door to go through!

All Year 10 students study five compulsory core subjects: English, Mathematics, Science, Social Studies and Physical Education & Health. In addition to these you choose three option subjects.

How to enter your option choices online:
All Year 9 students will have a course selection talk from Mr Goodyer on Tuesday 25th August. You and your parents/caregivers will choose your 2021 option subjects for Year 10 through the Parent Portal on the school website: www.macleans.school.nz.

- At the top of the Home page go to My Tools > Parent Portal, enter your username (student ID number) and any of your passwords. Parents will receive an e-mail reminding you of your password.
- Choose Course Selection. Follow the instructions to enter the option subjects you wish to select.
- You must choose THREE subjects, in order of preference, plus one alternate (reserve) subject
- You can Preview Selection then Confirm Selection or SAVE at the end.
- To be completed by Friday 18th September 2020.

Some option choices may be subject to confirmation by Faculty Heads – please see the notes on the next page and read the subject details on the following pages carefully. The school will endeavour to meet student preferences; however, the availability of courses is subject to student demand and staffing.

Notes from the Careers Department:
In Years 9 and 10 you are encouraged to study a wide range of subjects to keep a range of options open to you in the senior school. The curriculum is kept deliberately broad with a core of five main subjects plus a choice of three option subjects so that you do not specialise too early.

Nearly all subjects can be started in Year 10 and most can be started in Year 11. Some subjects are difficult to pick up at senior level if they have not been studied earlier. Others can be picked up at any year level. More information is available on the school website: www.macleans.school.nz. Online Subject Details and the Year 11 to 13 NCEA & CIE Course Selection Guide given to senior students will be available for details of all courses offered in Years 11, 12 and 13 at Macleans College.

The careers website www.careers.govt.nz and the Career Central software are recommended as excellent sources of information on careers. Students will be introduced to Career Central in Year 10 but Year 9 students can access some of the tools if they wish. Students can log-in through the school website. On the Home page > My Tools > Career Central.
### 2021 YEAR 10 SUBJECTS:

You study FIVE compulsory core subjects:

<table>
<thead>
<tr>
<th>Code</th>
<th>Core Subject</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10ENG / ENA / ENL</td>
<td>10 English (Core / Extension / Literacy)</td>
<td>English</td>
</tr>
<tr>
<td>10MAT / MAA / MNU</td>
<td>10 Mathematics (Core / Extension / Numeracy)</td>
<td>Mathematics</td>
</tr>
<tr>
<td>10PED</td>
<td>10 Physical Education &amp; Health</td>
<td>Physical Education &amp; Health</td>
</tr>
<tr>
<td>10SCI / SCA</td>
<td>10 Science (Core / Extension)</td>
<td>Science</td>
</tr>
<tr>
<td>10SOS / SOA</td>
<td>10 Social Studies (Core / Extension)</td>
<td>Social Sciences</td>
</tr>
</tbody>
</table>

You choose THREE subjects from the following list of option subjects in order of preference:

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>10ART</td>
<td>10 Art</td>
<td>Creative Arts</td>
</tr>
<tr>
<td>10CHA</td>
<td>10 Chinese (Advanced)</td>
<td>Languages</td>
</tr>
<tr>
<td>10CHB</td>
<td>10 Chinese (Beginners)</td>
<td>Languages</td>
</tr>
<tr>
<td>10COM</td>
<td>10 Commerce</td>
<td>Commerce</td>
</tr>
<tr>
<td>10CMS</td>
<td>10 Computer Science</td>
<td>Computer Science</td>
</tr>
<tr>
<td>10DAN</td>
<td>10 Dance</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>10DVT</td>
<td>10 Design &amp; Visual Technology</td>
<td>Technology</td>
</tr>
<tr>
<td>10DRA</td>
<td>10 Drama</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>10FNT</td>
<td>10 Food &amp; Nutrition Technology</td>
<td>Technology</td>
</tr>
<tr>
<td>10HIS</td>
<td>10 History</td>
<td>Social Sciences</td>
</tr>
<tr>
<td>10JAP</td>
<td>10 Japanese</td>
<td>Languages</td>
</tr>
<tr>
<td>10MMT</td>
<td>10 Multi Materials Technology</td>
<td>Technology</td>
</tr>
<tr>
<td>10MUS</td>
<td>10 Music</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>10MAD</td>
<td>10 Music (Advanced)</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>10SPA</td>
<td>10 Spanish</td>
<td>Languages</td>
</tr>
<tr>
<td>10MAO</td>
<td>10 Te Reo Māori</td>
<td>Languages</td>
</tr>
<tr>
<td>10TEX</td>
<td>10 Textiles</td>
<td>Creative Arts</td>
</tr>
</tbody>
</table>

**Notes:**

1. **Languages:** Most Year 10 subjects are open entry. The language subjects require some prior learning from Year 9. You MAY be able to pick up: Chinese, Japanese, Spanish, or Te Reo Māori if you have not studied them this year. You must see the Head of Faculty: Languages.

2. If you wish to choose both Multi-Materials Technology AND Food & Nutrition Technology, you will need to discuss whether you are allowed to study both with Mr Goodyer.

3. An English (Supplementary) 10ESU class and English for Speakers of Other Languages 10ESL class will be offered to students who have struggled with English in Year 9 to help them improve their skills. These classes will be offered, by invitation, to selected students.

4. Mathematics (Extension) 10MAA will be offered to selected students by invitation.

5. You can only choose one Music course, either Music or Music (Advanced).
Choosing Your Subjects:

WHICH SUBJECTS SHOULD I STUDY?

To choose your subject options you need to think about these things:

Interests:
What do you enjoy?
• You are more likely to work hard and do well in a course that interests you.

Skills and abilities:
Which subjects are you good at?
• Assessment results will help you to determine your ability.
• Discuss this with your parents and subject teachers.

Learning Style:
Do you prefer: reading and writing
 listening and discussing
 practical work
 creative work

Career choices:
When do you plan to leave school?
• Start thinking about what you plan to do. Research the subjects required or recommended for your career ideas.

Range of subjects:
• Keep your options open.

FINDING OUT ABOUT OPTIONS

In order to decide whether to study a subject, you need to be clear about the content and how it is assessed.

Some subjects may be new to you, so you need to find out what they are like. Talk to subject teachers and senior students.

You could use these questions in order to find out about a subject:

What skills do you need / will you learn?
Will I have to read a lot of books?
Will I have to write many essays?
Will I need to do practical experiments?
Will I need to make things?
Will the subject involve working in groups or discussion with other people in the class?

What topics does the subject cover?
Will the subject involve field trips, projects, performances?

How is the subject assessed – end of year exams, assignments, internal assessment?

People Who Can Help:

Form Teacher:
Where do I make my option choices online?
How do I enter my choices?
How do I find out about a subject?
Where can I go for more information?

House Leader:
How well am I doing at school overall?

Faculty Head / Head of Department / Subject Teacher:
What is involved in studying a subject?
Do I have the ability to study at the next level?
Can I pick this subject up if I have not studied it before?
Is this subject suitable for me?

Careers Dept:
Mrs Jones, Mrs Woods, Mrs Bushé
Considering interests, skills and possible career ideas.
Year 10 Careers Unit
What subjects should I study to prepare for a particular career?
Option choices
Option changes *

* Choose your subjects carefully. Option changes are only allowed in exceptional circumstances once a course has been commenced or confirmed.
**YEAR 10 SUBJECT DETAILS 2021**

**CORE SUBJECTS:**
All students in Year 10 study **FIVE** compulsory core subjects:
English, Mathematics, Science, Social Studies and Physical Education & Health.

**OPTION SUBJECTS:**
All students choose **THREE** option subjects.

<table>
<thead>
<tr>
<th>10ART</th>
<th>Year 10 Art</th>
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<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>Year 10ART students will experience innovative and hands on learning opportunities in areas of theory and art history. This course has an emphasis on practical skills using a range of art media and materials. Opportunities are provided for the use of BYOD and digital tools towards creating contemporary artworks. 10ART is a full year foundation course that covers a wide range of art forms, practises and projects. Throughout the year students will be engaged in developing creative works, which are underpinned by investigations into contemporary art practise and art movements. Projects students will create include learning drawing skills using an array of mixed media; painting - both modern and fine art, contemporary photography, graphic illustration design, and abstract sculpture. Students will also use a number of digital applications to record, create innovative artworks, and communicate ideas. Learners will also have opportunities to present and display works in an exhibition context.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | • Introduction to Drawing.  
• Mixed Media exploration  
• Painting skills  
• Investigation in to professional Art practices.  
• Street Art and Design |
| **Leads to:** | 11ADP: MCERT Art Design & Photography  
11ART: MCERT Art Painting |

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<th>10CHA</th>
<th>Year 10 Chinese (Advanced)</th>
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<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>The purpose of the course is to increase students’ ability and understanding of the Chinese language and culture, which were begun in the Year 9 courses, through the communicative approach to language learning. They will also develop their linguistic skills in characters and grammars.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
<td>To have studied 9CHA Chinese (Advanced) in Year 9 or seek advice and guidance from the Head of Faculty: Languages before choosing this subject online.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | • My life  
• School  
• Leisure  
• Media  
• Where I live  
• Food and drink  
• Lifestyle  
• The world of work |
| **Leads to:** | 11CHI: MCERT Chinese (Mandarin) |
### 10CHB  Year 10 Chinese (Beginners)

**Course Statement:** The purpose of the course is to increase students’ ability and understanding of the Chinese language and culture, through the communicative approach to language learning.

**Topics Covered:**
- Holidays
- Personal and social life
- The place where we live
- Shopping
- Travel in China

**Leads to:**

### 10COM  Year 10 Commerce

**Course Statement:** The Year 10 Commerce course covers the three Commerce subject areas of Accounting, Economics and Business Studies. The course provides a comprehensive introduction to each area so students have the basics required for the subjects of Accounting, Business and Economics in the senior school. Students will gain valuable knowledge and skills into how businesses and the economy functions and fundamental accounting principles.

**Topics Covered:**
- Business and the environment
- Marketing in business
- Entrepreneurship
- Accounting statements
- Ledger accounts
- Basic economic concepts
- Demand and Supply
- Economic decision making

**Leads to:**
- 11COM: MCERT Commerce
- 11ACT: MCERT Accounting

### 10CMS  Year 10 Computer Science

**Course Statement:** This course is a basic introduction to computer science and programming. The emphasis will be on practical activities. Students will use Edison robots as an introduction to programming and robotics. This will lead onto general programming using the Python programming language. Students will also investigate the basic components and design of a modern computer, and experience digital design through creating a simple website.

**Topics Covered:**
- Programming - the Edison Robot, and basics of the Python programming language.
- Website design and creation using HTML and CSS
- Binary data and its applications
- Basic components of a modern computer
- Computational Thinking and Problem Solving

**Leads to:**
- 11CMS: MCERT Computer Science
### 10DAN | Year 10 Dance
---|---
**Course Statement:** The creative skills and confidence developed in the dance curriculum are valuable to students in all their studies and whatever career paths they choose. The dance curriculum deals with developing practical knowledge and ideas in Dance. Students will have the opportunity to choreograph a variety of dance sequences and are taught a variety of dance styles and techniques. The assessments enable the students to explore movement at their level of experience and challenge their own expectations. Students do not need to have had any previous experience in Dance.

**Topics Covered:**
- Performance and Choreography through a variety of dance styles

**Leads to:**
11DRA: MCERT Drama

### 10DVT | Year 10 Design & Visual Technology
---|---
**Course Statement:** Design Technology equips students with real world skills, design knowledge, skills and critical thinking that underpins the design industry. Focusing on spatial and product design this course provides students with the framework to undertake future study in architecture, product design, industrial design and other design fields. The course helps students build fundamental skills in visual communication and innovative design thinking. Design Technology projects engage with design briefs, work through the design process and model their ideas both digitally and physically. Students will use advanced modelling techniques to achieve high end results with computer modelling, 3D printing and Laser cutting design details.

**Topics Covered:**
- Spatial Design
- Product Design
- Model Making
- Design & Formal Drawing
- Computer 3D modelling/ Presentation

**Leads to:**
11DVV: MCERT Design & Visual Communication (Graphics)
11DDT: MCERT Digital Design Technology
11ADP: MCERT Art Design & Photography

### 10DRA | Year 10 Drama
---|---
**Course Statement:** The purpose of offering Drama is to develop the ability to think creatively and critically within a range of contexts. To broaden students’ capacity for self-expression, communication, analysis, problem-solving skills, confidence, and collaboration. To foster skills in the discipline of acting, a range of performance styles, and theatre-making. Our goal is to promote drama as a vehicle to develop personal, social, cultural, and political awareness. To endeavour to achieve this through experiential and embodied learning, socialized learning, research, exercising empathy, understanding human behaviour, and studying past and present contexts, through the medium of performance.

**Topics Covered:**
- Pop-Up Globe Visit
- Shakespeare - Group Performance
- Ancient Greek Theatre - Chorus Performance and Mask Making
- New Zealand Theatre - Group Performance
- Physical Theatre and Human Puppetry

**Leads to:**
11DRA: MCERT Drama
### 10ENG Year 10 English (Core)

**Course Statement:** The Year 10 mainstream English course includes the study of a variety of literature texts, creative and formal writing, reading, language and speech. The course is designed to foster the students’ enjoyment of the subject and prepare them for the requirements of Senior English.

**Topics Covered:**
- Literature Studies and Essay Writing: Poetry/Short Stories, Novel, Drama, Film.
- Persuasive Speeches
- Creative Writing
- Close Reading of Unfamiliar Texts

**Leads to:**
- 11ENG: MCERT English
- 11ENL: MCERT English (Literacy)

### 10ENA Year 10 English (Extension)

**Course Statement:** The Year 10 English (Extension) course includes the study of a variety of literature texts, creative and formal writing, close-viewing of film, reading comprehension and speech. The course is designed to foster students’ enjoyment of the subject and prepare them for the requirements of the Year 11 English (Extension) course.

**Prerequisites:** This course is for students in the Year 10 Extension Studies class.

**Topics Covered:**
- Response to Text: Poetry, Short Story, Novel, Shakespeare.
- Creative Writing
- Formal Writing
- Persuasive Speech
- Close-Viewing of Film
- Close-Reading of Unfamiliar Texts

**Leads to:** 11ENA: MCERT English (Extension)

### 10ESU Year 10 English (Supplementary)

**Course Statement:** 10ESU provides extra English classes for students nominated by their 9ENG teacher as needing additional support. The course content mirrors what is being done in the 10ENG course. Students come to 10ESU instead of going to one of their option classes. There is no examination for the subject but there are Milestone writing tasks.

**Prerequisites:** Entry by invitation, based on entrance testing and recommendations from 9ENG and 10ENG teachers.

**Topics Covered:**
- English basics - punctuation, grammar, syntax etc
- Essay writing
- Creative writing
- Formal writing
- Close-viewing
- Speeches
- Reading comprehension

**Leads to:** 11ENL: NCEA Level 1 English (Literacy), 11ENG: MCERT English
<table>
<thead>
<tr>
<th>10ESL</th>
<th>Year 10 ESOL - English as a Second Language</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>This is available as a full year course for students for whom English is a second or other language and the focus is on the general improvement of the student’s use of English. Student progress is assessed by class tests, course work and/or an examination.</td>
</tr>
<tr>
<td><strong>Course Prerequisites:</strong></td>
<td>Placement in this course will be by selection as a result of ESOL testing for students with second language background and needing support in mainstream classes.</td>
</tr>
<tr>
<td><strong>Topics Covered:</strong></td>
<td>• Grammar  • Language skills  • Speech  • Formal writing  • Creative and essay writing</td>
</tr>
<tr>
<td><strong>Leads to:</strong></td>
<td>11 ESL: NCEA Level 1 ESOL  11ENG: MCERT English</td>
</tr>
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<thead>
<tr>
<th>10FNT</th>
<th>Year 10 Food &amp; Nutrition Technology</th>
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<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>Students will learn about food and nutrition. Through practical experiences they will gain confidence in cooking, and start to gain an in-depth knowledge of the food and nutrition guidelines for New Zealanders. Students will develop an increased understanding of personal choices around diet, lifestyles and how people make informed decisions about food choices. Key focus areas include vegetarianism, milk and milk products, diet and culture. Students will also be exposed to aspects of food product development.</td>
</tr>
<tr>
<td><strong>Topics Covered:</strong></td>
<td>• Food safety and hygiene - identifying food handling issues.  • Working safely in the kitchen - hazard identification and safety management.  • Exploring recipes - interpreting &amp; adapting a base recipe to extend a product range.  • Healthy eating, food groups and food nutrients  • Food packaging and labelling  • Food and culture</td>
</tr>
<tr>
<td><strong>Leads to:</strong></td>
<td>11HPY: MCERT Hospitality</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
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<tr>
<td>10HIS</td>
<td>Year 10 History</td>
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<tr>
<td><strong>Course Statement:</strong></td>
<td>This course aims to provide an introduction to studying history. To learn historical skills such as source interpretation, critical thinking, research skills and essay writing skills.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | • Ancient Rome,  
• The Middle Ages  
• The Renaissance  
• World War One and Two |
| **Leads to:** | 11HIS: MCERT History  
and/or in senior school 12,13HIC: AS/A Level, 12,13HIS: NCEA Levels 2 and 3 |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>10JAP</td>
<td>Year 10 Japanese</td>
</tr>
<tr>
<td><strong>Course Statement:</strong></td>
<td>The purpose of this course is to develop the language skills and cultural knowledge, which were begun in the Year 9 course.</td>
</tr>
<tr>
<td><strong>Background:</strong></td>
<td>Students who have not studied Japanese in Year 9 must seek advice and guidance from the Head of Faculty: Languages before choosing 10JAP online.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | • Daily Life  
• Home  
• School Life  
• Tourism/Travel  
• Shopping  
• Describing People  
• Eating Out |
| **Leads to:** | 11JAP: MCERT Japanese |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>10MAT</td>
<td>Year 10 Mathematics (Core)</td>
</tr>
<tr>
<td><strong>Course Statement:</strong></td>
<td>The Year 10 course is designed to build on skills learned in Year 9 and prepare students for Year 11 Mathematics. For most students the course is within their capabilities. For those who find Mathematics challenging there is support available in the whanau house system by way of student mentors (house tutors) and the 10MNU course. There is an extensive testing programme throughout the year, designed to identify students who are struggling, as well as those who would benefit from more advanced work.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | • Number  
• Algebra  
• Geometry  
• Measurement  
• Probability and Statistics |
| **Leads to:** | 11MAT: MCERT Mathematics (Core)  
11MNU: NCEA Level 1 Mathematics (Numeracy) |
<table>
<thead>
<tr>
<th>10MAA</th>
<th>Year 10 Mathematics (Extension)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>This course is preparation for more advanced courses in future years and requires students to be adept at algebraic manipulation.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
<td>This course is for selected students by invitation. Students in the Year 9 Extension Studies classes and those with 90% in Year 9 Mathematics (9MAT) or 70% in the Year 9 Mathematics (Extension) (9MAA) courses will be considered.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | - Number  
  - Algebraic Manipulation I  
  - Statistics & Probability  
  - Algebraic Manipulation II  
  - Functions & Graphs  
  - Geometry  
  - Trigonometry  
  - Transformations of Graphs  
  - Areas & Volumes  
  - Matrices  
  - Linear Programming  
  - Statistical Simulations |
| **Leads to:** | 12MTC: CAIE AS Mathematics or 12MAT NCEA Level 2 Mathematics |

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<thead>
<tr>
<th>10MNU</th>
<th>Year 10 Mathematics (Numeracy)</th>
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<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>This course is designed for those identified as finding Mathematics challenging. It follows the 10MAT programme with a focus on mastering fundamental concepts. There is an extensive testing programme throughout the year, designed to identify areas requiring more learning time to ensure students finish the course with the fundamental knowledge required to access Year 11 Mathematics.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
<td>Students in 9MNU or those identified by the school based on recommendations from Mathematics teachers.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | - Number  
  - Algebra  
  - Geometry  
  - Measurement  
  - Probability and Statistics |
| **Leads to:** | 11MAT: MCERT Mathematics (Core)  
  11MNU: NCEA Level 1 Mathematics (Numeracy) |

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<thead>
<tr>
<th>10MMT</th>
<th>Year 10 Multi-Materials Technology</th>
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<tr>
<td><strong>Course Statement:</strong></td>
<td>Technology develops the student's ability in the understanding and use of existing and new technologies and their effects on society. Students are presented with a real issue and are required to solve this by identifying a need or opportunity for a product then researching and developing a solution through to a final product. Planning time and resources, experimenting with materials and documenting information as the projects are being researched and made, are important areas of this subject. Solutions to problems are made in a multi-materials workshop incorporating the use of different materials: wood, metal, plastics, electronics, programming, CAD / CNC machinery, 3D printing and vacuum forming. Students will be working on two projects throughout the year and learn all the skills required in product design and making.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | - Use of hand tools and machines  
  - Use of CAD  
  - Electronics and material manipulation |
| **Leads to:** | 11ENM: MCERT Engineering (Mechanical)  
  11CON: MCERT Construction |
### Year 10 Music

**Course Statement:** Students who take music will develop the ability to think creativity, work cooperatively, problem solve effectively and to enhance their higher brain function. They will see and experience the direct correlation between effort and the quality of a result and discover and continuously develop their individual skills as musicians, building confidence in themselves and encouraging their peers to do the same. The aim of the course is to give all students the knowledge, skills and opportunities needed to become well-rounded, thoughtful musicians and includes exploring a wide variety of musical concepts.

**Topics Covered:** Year 10 Music focusses on how music interacts with other art forms:
- **Film Music:**
  - Analyse film themes and motifs
  - Creating arrangements of film themes
- **Music and Text:**
  - Research a piece of music that uses text
  - Perform as part of a group
- **Art: Impressionism:**
  - Discover impressionistic composers and musical features
  - Compose an original piece of music in impressionist style

**Leads to:** 11MUS: MCERT Music

### Year 10 Music (Advanced)

**Course Statement:** Students who take music will develop the ability to think creativity, work cooperatively, problem solve effectively and to enhance their higher brain function. They will see and experience the direct correlation between effort and the quality of a result and discover and continuously develop their individual skills as musicians, building confidence in themselves and encouraging their peers to do the same. The aim of the course is to give all students the knowledge, skills and opportunities needed to become well-rounded, thoughtful musicians and includes exploring a wide variety of musical concepts.

**Prerequisites:** To have studied 9MAD: Year 9 Music (Advanced) OR have at least two years of experience on an instrument / singing through individual or group tuition.

**Topics Covered:** Year 10 Music focusses on how music interacts with other art forms:
- **Film Music:**
  - Analyse film themes and motifs
  - Creating arrangements of film themes
- **Music and Text:**
  - Research a piece of music that uses text
  - Perform as part of a group
- **Art: Impressionism:**
  - Discover impressionistic composers and musical features
  - Compose an original piece of music in impressionist style

**Leads to:** 11MUS: MCERT Music
High achieving students might progress straight into:
- 12MUC: AS Music
- 12MUS: NCEA Level 2 Music
### 10PED | Year 10 Physical Education & Health (Core)

**Course Statement:**
This course consists of practical and theoretical components. Health makes up one third of the course and the rest is practical. Practical activities ensure that students gain a broad movement base and that they are exposed to learning a variety of different skills.

Within health, students explore how to manage change and be resilient to the ups and downs that happen in life. They broaden their knowledge of sex and sexuality, and what constitutes a positive romantic relationship. Alcohol and drug education ensure students can make health enhancing decisions to positively impact their well-being. A final unit on anatomy and physiology expands on students’ knowledge from Year 9 of how the body functions.

**Topics Covered:**
- **Physical Education:**
  - Athletics,
  - Football,
  - Basketball,
  - Cardiovascular Activities,
  - Hockey,
  - Minor Games,
  - Softball,
  - Short Tennis,
  - Game Creation,
  - Ripper Rugby
- **Health:**
  - Managing Change,
  - Sex and Sexuality,
  - Alcohol and Drug Education
  - Anatomy and Physiology

**Leads to:**
- 11PEA: MCERT Physical Education
- 11PED: Physical Education & Health (Core)

### 10SCI | Year 10 Science (Core)

**Course Statement:**
Studying Science allows students to investigate, develop an understanding of and think critically about the Living, Physical and Material world that they inhabit. The critical thinking, problem solving skills and knowledge gained will allow students to understand and make informed decisions about current issues in Science and Technology, such as Nanotechnology and Genetic Engineering. It will also teach students how to communicate, solve problems, collect and organise knowledge; knowledge which will continue to develop.

**Topics Covered:**
- **Biology:**
  - Genetics and Evolution
  - Medical Science
  - Ecology
- **Chemistry:**
  - Atoms and Reactions
  - Acids and Bases
  - Materials and their Uses
- **Physics:**
  - Forces and Motion
  - Electricity and Magnetism
  - Careers in Science

**Leads to:**
- 11SCI: MCERT Science (General)
- 11BIO: MCERT Biology
- 11CHE: MCERT Chemistry
- 11PHY: MCERT Physics
<table>
<thead>
<tr>
<th><strong>10SCA</strong></th>
<th><strong>Year 10 Science (Extension)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>Studying Science allows students to investigate, develop an understanding of and think critically about the Living, Physical and Material world that they inhabit. The critical thinking, problem solving skills and knowledge gained will allow students to understand and make informed decisions about current issues in Science and Technology, such as Nanotechnology and Genetic Engineering. It will also teach students how to communicate, solve problems, collect and organise knowledge; knowledge which will continue to develop.</td>
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<td><strong>Prerequisites:</strong></td>
<td>This course is for students in the Year 10 Extension Studies class.</td>
</tr>
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</table>
| **Topics Covered:** | **Biology:**  
| | • Genetics and Evolution  
| | • Medical Science  
| | • Ecology  
| | **Physics:**  
| | • Forces and Motion  
| | • Electricity and Magnetism  
| | **Chemistry:**  
| | • Atoms and Reactions  
| | • Acids and Bases  
| | • Materials and their Uses  
| | **This is the same content and assessment as the 10SCI course. There will be opportunities for extension in these topics during the year, either through extra content or deeper thinking.**  
| **Leads to:** | 11SCI: MCERT Science  
| | 11BIO: MCERT Biology  
| | 11CHE: MCERT Chemistry  
| | 11PHY: MCERT Physics  
| | Very high achieving students might progress straight into one or two AS Sciences:  
| | 12BIC, 12CHC, 12PYC: CAIE AS Biology, Chemistry, Physics |

<table>
<thead>
<tr>
<th><strong>10SOS</strong></th>
<th><strong>Year 10 Social Studies (Core)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>The overall aim of Social Studies at Macleans College is to provide an interesting and varied introduction to the Social Sciences. Students will develop the skills of intelligent writing, source interpretation and evaluation, research, and examination skills that will equip them for Classical Studies, Geography, History, Social Studies and Travel &amp; Tourism in the senior school.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | • Modern China: From Manchus to Mao to Modern Day  
| | • Nazi Germany  
| | • The Partnership: New Zealand and the Treaty  
| | • Weathering the Storm: Weather and Climate  
| | • Current Geographical issues: an inquiry project |
| **Leads to:** | 11HIS: MCERT History  
<p>| | 11GEO: MCERT Geography |</p>
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<td><strong>Course Statement:</strong></td>
<td>The overall aim of Social Studies at Macleans College is to provide an interesting and varied introduction to the Social Sciences. Students will develop the skills of intelligent writing, source interpretation and evaluation, research and examination skills that will equip them for Classical Studies, Geography, History, Social Studies and Travel &amp; Tourism in the senior school.</td>
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<tr>
<td><strong>Prerequisites:</strong></td>
<td>This course is for students in the Year 10 Extension Studies class.</td>
</tr>
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</table>
| **Topics Covered:** | The aim of this course is to provide an introduction to all three of the major Social Science and Humanity subjects, History, Geography and Classical Studies.  
- Nazi Germany and Communist China.  
- Weathering the Storm: weather and climate and climate change.  
- Ascent to Civilisation: topics include the development of civilisations through studying aspects of Ancient Egyptian, Greek and Roman Society and history.  
- Look at how novels can lead to a greater understanding of the past.  
- An inquiry project on current global geographical issues. |
| **Leads to:** | 11HIS: MCERT History  
11GEO: MCERT Geography  
High achieving students might progress straight into AS Geography, History or Classical Studies. |

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<thead>
<tr>
<th>10SPA</th>
<th>Year 10 Spanish</th>
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</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>This course will build on the skills of the Year 9 course. Students will develop their language skills, enabling them to communicate in a range of everyday situations about topics relevant to them. They will also deepen their cultural understanding through continued exposure to aspects of Spanish culture and civilisation.</td>
</tr>
<tr>
<td><strong>Background:</strong></td>
<td>Students who have not studied Spanish in Year 9 must seek advice and guidance from the Head of Faculty: Languages before choosing 10SPA online.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | - Food  
- My Life  
- Clothes and Shopping  
- Holidays  
- Health  
- Going Out |
<p>| <strong>Leads to:</strong> | 11SPA: MCERT Spanish |</p>
<table>
<thead>
<tr>
<th>10MAO</th>
<th>Year 10 Te Reo Māori</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>This course will build on the sentence structures and vocabulary covered in Year 9, and will further develop students’ proficiency in the four key language modes of reading, writing, speaking and listening. By the end of Year 10 Māori - students should be able to cope with a variety of routine situations when talking to speakers of te reo Māori. In this course, students will be required to use familiar language with some flexibility and pick up some new language from its context. This course will also require students to use and respond to language, including directions and requests, that is likely to occur in familiar Māori settings. By the end of this course, students will have become more confident in using a range of language learning strategies. During this course, students will deepen their cultural understanding through continued exposure to aspects of te ao Māori, the Māori world. Students will learn karakia and tikanga appropriate for the classroom, as well as some key Māori contexts - including pōwhiri. This course will include a range of reading and writing based tasks utilising our class te reo Māori website, the online language learning programme <em>Language Perfect</em>, a course booklet, and textbook based tasks. Students will also engage regularly with speaking and listening based activities with their classmates, with tasks that are teacher led, or tasks that include viewing and comprehending TV shows and movies, in te reo Māori.</td>
</tr>
<tr>
<td><strong>Background:</strong></td>
<td>Students who have not studied Te Reo Māori in Year 9 must seek advice and guidance from the Head of Faculty: Languages before choosing 10MAO online.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | - Tōku Whānau (My family)  
  - Hākinakina (Sport)  
  - Kai (Food)  
  - Pōwhiri/Whaikōrero (Formal Māori welcome and oratory) |
| **Leads to:** | 11MAO: MCERT Te Reo Māori |

<table>
<thead>
<tr>
<th>10TEX</th>
<th>Year 10 Textiles</th>
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</thead>
<tbody>
<tr>
<td><strong>Course Statement:</strong></td>
<td>This course has a technological approach with a focus on expressing creativity, whilst gaining competence on the specialist range of machinery. The programme is designed to develop visual investigation, critical thinking and media exploration. Skills learnt are freehand sketching to form ideas, pattern adaptations, textiles surface manipulation, which includes dyes, screen printing, repeat pattern into Photoshop and free motion embroidery. Creative strategies developed, 3D construction, business concepts explored. Projects produce final outcomes which are made.</td>
</tr>
</tbody>
</table>
| **Topics Covered:** | - Creative application which creates a free motion embroidery tile.  
  - Cultural investigation to form a repeat design into Photoshop, then screen print.  
  - Bizarre Bra project, for divergent thinking.  
  - Garment construction from a pattern of choice for sequential development. |
| **Leads to:** | 11TEX: MCERT Textiles |
Heads of Faculty / Heads of Department:

<table>
<thead>
<tr>
<th>Learning Area</th>
<th>Faculty Head / Head of Department</th>
<th>Room</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commerce</td>
<td>Mr M Caley</td>
<td>H2 (Faculty Head Office)</td>
<td>Hillary House</td>
</tr>
<tr>
<td>English</td>
<td>Mr R Irving</td>
<td>T6 (Faculty Head Office – T3)</td>
<td>Te Kanawa House</td>
</tr>
<tr>
<td>ESOL</td>
<td>Mrs T Mair</td>
<td>L4 (Head of Department Office)</td>
<td>Mansfield House</td>
</tr>
<tr>
<td>Languages</td>
<td>Mr C Rodriguez</td>
<td>L2 (Faculty Head Office – L12)</td>
<td>Languages Block</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Mr S Buckley</td>
<td>K2 (Faculty Head Office – K3)</td>
<td>Kupe House</td>
</tr>
<tr>
<td>Performing Arts - Dance/Drama</td>
<td>Ms J Harrison</td>
<td>Drama Room (Faculty Head Office)</td>
<td>Auditorium Music Suite</td>
</tr>
<tr>
<td>Performing Arts - Music</td>
<td>Mr S Miles</td>
<td>MU.11 (Faculty Head Office)</td>
<td>Music Suite</td>
</tr>
<tr>
<td>Physical Education &amp; Health</td>
<td>Mr A Venter</td>
<td>G26 (Faculty Head Office)</td>
<td>Gymnasium</td>
</tr>
<tr>
<td>Sciences</td>
<td>Dr I Thomas</td>
<td>(Faculty Head Office)</td>
<td>Science Admin Block</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>Mr N Hamilton</td>
<td>U10</td>
<td>Upham House</td>
</tr>
<tr>
<td>Creative Arts, Design &amp; Technology</td>
<td>Mr D Norris</td>
<td>4.3, (Faculty Head Office)</td>
<td>Snell House</td>
</tr>
<tr>
<td>Creative Arts</td>
<td>Mrs J Williams</td>
<td>A5 (Faculty Head Office)</td>
<td>Art Block</td>
</tr>
<tr>
<td>Extension Studies</td>
<td>Mrs J McDougall</td>
<td>T7</td>
<td>Te Kanawa House</td>
</tr>
<tr>
<td>2021 Year 10 Dean</td>
<td>Mr P Goodyer</td>
<td>SMT, DP’s Office</td>
<td>Main Office</td>
</tr>
</tbody>
</table>

Check List - Have you?

- Read the introduction and notes from the Careers Department on page 1.
- Read the notes on how to choose your subjects on page 3.
- Read the Subject Details which start on page 4.
- Read the Subject Notes on page 2.
- Discussed your option choices with your parents/caregivers.
- Looked at the Year 11 to 13 NCEA & CIE Course Selection Guide and Subject Details available on the school website www.macleans.school.nz if you want more information.
- Found out about the career ideas that interest you and checked the school subjects required for them on: Career Central, www.careers.govt.nz or www.schoolconnect.co.nz
- Seen the appropriate Head of Faculty or Deputy Principal if you need permission to pick up a subject. Their names and locations are on this page.
- Entered your choices through the Parent Portal on the school website, www.macleans.school.nz, carefully, following the instructions.
- Chosen a range of subjects to keep your options open.
- Chosen three subjects in order of preference.
- Chosen an alternate (reserve) subject.
- Completed your subject selection online – by Friday 18th September.