

Macleans College



**Senior Course Guide
Year 11**

**SUBJECT SELECTION
INFORMATION BOOKLET**

Cambridge International Examinations

**National Certificate in Educational
Achievement**

2019

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Year 11, 12 & 13 Subject Details

Macleans College Senior Course Guide 2019

www.macleans.school.nz

On the Home page:

> Student Life > Academic Information > Course Guides

Parent Information Evening:

Wednesday 5th September, 7.00 pm

Upham House

Check List for Choosing Options

Have you?

- Read the **Year 11, 12 & 13 Subject Details** in the **Macleans College Senior Course Guide 2019** on the school website www.macleans.school.nz
- Discussed and compared the subject details on the website for the subjects you are considering.
- Carefully read the subject lists and notes on the YEAR 11 SUBJECT SELECTION SHEETS.
- Carefully read the notes from the Careers Department on *page 11*.
- Studied the Careers Subject Choice Guide on *pages 11 and 12*.
- Read the notes on how to choose your subjects on *page 13*.
- Found out how the subjects which interest you progress from Year 11 through to Year 13 by checking the Subject Outline on *page 16* and the Subject Lists on *pages 8 and 10*.
- Made sure that you have picked subjects this year that give you the background to allow you to do the subjects that interest you in Years 12 and 13.
- Used CareerQuest, Subject Matcher and other tools on www.careers.govt.nz to help you find career areas that interest you. Researched your career ideas on www.schoolconnect.co.nz.
- Checked out other websites listed on the Careers Information page on the school website *on the home page click on Student Life > Student Support > Careers Department*.
<https://www.macleans.school.nz/student/student-support/careers-department>
- Checked that you have the recommended background for each subject you have chosen by reading the **Subject Details** on the website.
- Seen the appropriate Faculty Head, Head of Department or SMT Year Level Head if you need permission to pick up a subject or subjects. Their names and locations are on *page 28*.
- Noted the information regarding examination entry and fees on *page 24*.
- Read the important information and notes on *pages 7 and 9*.
- Asked for help if you still need it after doing all the things listed above. People at school who can help you are listed on *page 14*.
- Discussed your subject choices with your parents/caregivers.
- Parent/Caregiver attended Info Evening, 7.00 pm, Wednesday 5th September in Upham House
- Used the diagram on *page 6* to plan how your chosen subjects fit into the six option lines shown.
- Chosen six option subjects
- Chosen three compulsory subjects: one English (Group A), one Mathematics (Group B), one Science (Group C) as listed on the YEAR 11 SUBJECT SELECTION SHEETS.
- Chosen three other subjects from Group D (and C)
- Completed the Option Sheets
- Read the instructions on how to enter your subjects on-line on *page 5*.
- Entered your subject choices, on-line through the Kamar parent portal, by Friday 14th September.

Introduction

This information booklet is provided to assist you in selecting your subjects for Year 11. You are urged to research your career and subject options thoroughly. You will be making your subject choices on-line.

The Subject Details for all courses in Years 11, 12 and 13 are in the **Macleans College Senior Course Guide 2019** available on the school website, www.macleans.school.nz.

On the home page click on Student Life > Academic Information > Course Guides.

In Year 11 you study six examination subjects; English or ESOL, Mathematics, a Science subject and three other option subjects. You also choose which qualification pathway to study. While assessment is important, the emphasis is on learning. You select a Year 11 programme which will prepare you well for the subjects you wish to study in Years 12 and 13.

In Years 12 and 13 you study subjects which help you to prepare for your career goals. Many students at Macleans plan to study for degrees at university, however, while this is an excellent goal for many, it is not necessarily the best or most appropriate choice for all students. Preparation for worthwhile, interesting and rewarding careers is available through work, through polytechnics, private tertiary providers, apprenticeships and other training programmes.

You should choose subjects and work towards careers that reflect your interests, skills, personal qualities, learning styles and values. Year 10 students have completed a two week Careers Unit to help consider these ideas.

Choosing a Pathway

Students at Macleans College choose from two qualification pathways, either NCEA or CIE. There are notes and comparisons to help you with this decision on *pages 17 to 21*.

- Think about your style of learning
- Ask yourself which assessment style suits you best
- Consider the availability of the subjects you wish to study
- Think about where you hope to study and work when you leave school

Choosing Subjects

- Complete the check list at the front of this booklet.
- Study the Careers Subject Choice Guide on *pages 11 and 12*.
- Track the progress of subjects from Year 9 through to Year 13 in the Subject Outline on *page 16* and the Subject Lists on *pages 8 and 10*.
- Research the career possibilities that interest you.
- Check the entry requirements for jobs, apprenticeships, cadetships and tertiary courses. Some information is on *pages 25 to 27*.
- Ask for help if you need it. The people who can help you are listed on *page 14*.
- Read the Subject Details in the Senior Course Guide 2019 on the website (*on the home page click on Student Life > Academic Information > Course Guides*) to find out more about the subjects that interest you. They include course descriptions, assessment details and recommended background.
- Carefully read the 2019 Year 11 Subject Selection Sheets for NCEA or CIE. They list the range of subjects you may choose from your main pathway and from the other pathway.
- Refer to the 2019 Year 11 NCEA / CIE Subject List on *page 6* and important notes on *pages 5, 7 and 9* for details of the courses available to you.

How to enter your Year 11 NCEA & CIE Subjects online:

All Year 10 students will have subject selection talks in a core class during Week 6 or 7. You and your parents/caregivers will choose your 2019 subjects for Year 11 through the Kamar Parent Portal on the school website: www.macleans.school.nz.

- At the very top of the **Home** page go to **My Tools > Parent Portal**, enter your **username** (student ID number) and any of your passwords.
- **Login** then choose **Course Selection**. Follow the instructions to enter the subjects you wish to select.
- You must choose **SIX** subjects, **ONE** subject from **EACH** drop down box.
- Remember to **SAVE** at the end.
- To be completed by Friday 14th September.

Some subject choices may depend on confirmation by Faculty Heads or SMT – please see the notes on the next pages and read the subject details on the school website.

Before you make your choices please read the information and follow the instructions on the subject selection sheets, read the notes and restrictions on pages 7 and 9 and check the Subject Details on the school website; www.macleans.school.nz.

Choose **SIX** subjects from the lists of subjects, **ONE** from **EACH** drop-down box. Some subjects are available in all six boxes, some in a few, some in only one, as shown in the table on *page 6*.

You must choose one English (Group A) course, one Mathematics (Group B) course, one Science (Group C) course and three other subjects (Group D (and C)).

You must choose at least four subjects from your main pathway but are encouraged to choose a subject from the other pathway if that subject is not offered in your main pathway and results in you studying a broad range of subjects. If you wish to pick two subjects from the other pathway you must see Mrs Bigwood, Year 11 Dean.

NCEA students may pick one or two CIE subjects not offered in NCEA: IGCSE Chinese, Japanese or Accounting.

CIE students may pick one or two NCEA subjects not offered in CIE: NCEA Art (Visual), Art (Design & Photography), Construction, Dance, Drama, Engineering (Mechanical), Hospitality, Māori, Media Studies, Physical Education, Robotics & Product Design, Textiles.

CIE students may, where appropriate, choose NCEA English or ESOL or NCEA Mathematics but **not both**.

Subjects are listed by **Faculty**: NCEA subjects / CIE subjects / English, Maths & Science subjects.

NCEA students must choose:

One Group A subject: 11ENG NCEA Level 1 English *OR*
11ENL NCEA Level 1 English for Literacy
11ESL NCEA Level 1 ESOL

One Group B subject: 11MAT NCEA Level 1 Mathematics *OR*
11MNU NCEA Level 1 Mathematics Numeracy

One Group C subject: 11SCI NCEA Level 1 Science
Three other subjects from Group D, (no more than two IGCSE subjects)

CIE students must choose:

One Group A subject: 11ELC IGCSE English Literature *OR*
11ENC IGCSE English Language *OR*
11ENG NCEA Level 1 English
11ESL NCEA Level 1 ESOL

One Group B subject: 11MTC IGCSE Mathematics *OR*
12MTC AS Mathematics *OR*
12MAC AS Mathematics (1st year of 2 year course) *OR*
11MAC (2 year course) IG (for 6 months) + AS (for 18 months)
11MAT NCEA Level 1 Mathematics
11MNU NCEA Level 1 Mathematics Numeracy

One Group C subject: a Science subject 11BIC, 11CHC, 11PYC or 11CSC
Three other subjects from Group C and/or D, (no more than two NCEA subjects altogether)

Accelerated students: may include one AS subject plus five IGCSE subjects, the AS subject must be in Line 1. If you choose more than one AS subject you can only select a total of 5 subjects, these must be in Lines 1 to 5. More details in the supplementary booklet given to students in the extension classes.

Year 11 NCEA & CIE Subjects:

Step 1: On your option sheet firstly choose and circle one subject from each of Group A, B and C. Secondly, choose and circle three more subjects from Group D (and/or C). See notes on page 7 and 9.

Step 2: Use this table to plan before you enter your subject choices online. Start by highlighting the subjects you wish to choose, then circle the ones with the fewest classes offered, and then fit the other subjects around them.

NCEA Level 1 Subjects		Box 1	Box 2	Box 3	Box 4	Box 5	Box 6
LEVEL 1 ART (DESIGN & PHOTOGRAPHY)	(See Note 1 on Page 7)	11ADP	11ADP	11ADP			
LEVEL 1 ART (VISUAL)	(See Note 1 on Page 7)	11ARV			11ARV		
LEVEL 1 COMMERCE	(See Note 9 on Page 7)			11COM		11COM	11COM
LEVEL 1 DANCE	(See Note 8 on Page 7)	11DAN					
LEVEL 1 DRAMA	(See Note 8 on Page 7)				11DRA		
LEVEL 1 DIGITAL TECHNOLOGIES (COMPUTING)		11DTG					
LEVEL 1 DESIGN & VISUAL COMMUNICATION					11DVV		
LEVEL 1 ENGLISH		11ENG	11ENG	11ENG	11ENG	11ENG	11ENG
LEVEL 1 ENGLISH FOR LITERACY	(See Note 6 on Page 7)			11ENL		11ENL	
LEVEL 1 ESOL		11ESL	11ESL	11ESL	11ESL	11ESL	11ESL
LEVEL 1 GEOGRAPHY		11GEO	11GEO				11GEO
LEVEL 1 HISTORY		11HIS					
*LEVEL 1 HOSPITALITY	(See Note 2 and 4 on Page 7)	11HPY			11HPY		
LEVEL 1 MAORI	(See Note 5 and 10 on Page 7)		11MAO				
LEVEL 1 MATHEMATICS	(See Note 11 on Page 7)	11MAT	11MAT	11MAT	11MAT	11MAT	11MAT
LEVEL 1 MATHEMATICS (NUMERACY)	(See Note 11 on Page 7)		11MNU				11MNU
LEVEL 1 MEDIA STUDIES				11MDS			
LEVEL 1 MUSIC						11MUS	
LEVEL 1 PHYSICAL EDUCATION (NCEA)		11PEA			11PEA	11PEA	
LEVEL 1 SCIENCE		11SCI	11SCI	11SCI	11SCI	11SCI	11SCI
LEVEL 1 SPANISH	(See Note 10 on Page 7)				11SPA		
*LEVEL 1 CONSTRUCTION	(See Note 2 and 4 on Page 7)		11TCO				
*LEVEL 1 ENGINEERING (MECHANICAL)	(Note 2 & 4 on page 7)	11TEM			11TEM		
LEVEL 1 TEXTILES DESIGN & TECHNOLOGY	(See Note 2 on Page 7)					11TEX	
LEVEL 1 ROBOTICS & PRODUCT DESIGN	(See Note 2 & 7 on Page 7)					11TRE	

CIE IGCSE Subjects		Box 1	Box 2	Box 3	Box 4	Box 5	Box 6
IGCSE ACCOUNTING	(See note 3, 6 & 8 on Page 9)	11ACC	11ACC				11ACC
IGCSE BIOLOGY	(See Notes 4 to 8 on Page 9)	11BIC		11BIC	11BIC	11BIC	11BIC
IGCSE BUSINESS STUDIES	(See Note 3 on Page 9)		11BSC			11BSC	
IGCSE CHEMISTRY	(See Notes 4 to 8 on Page 9)	11CHC	11CHC	11CHC	11CHC	11CHC	11CHC
IGCSE CHINESE	(See Note 15 on Page 9)				11CNC		
IGCSE COMBINED SCIENCE	(See Note 5 on Page 9)					11CSC	
IGCSE COMPUTER PROGRAMMING	(See Note 7, 8 & 16 on Page 9)			11CPC	11CPC		
IGCSE DESIGN TECHNOLOGY (GRAPHICS)		11DGC			11DGC	11DGC	
IGCSE ECONOMICS	(See Note 3 on Page 9)	11ECC			11ECC		
IGCSE ENGLISH LANGUAGE	(See Note 21 on Page 9)	11ENC	11ENC			11ENC	11ENC
IGCSE ENGLISH LITERATURE	(See Note 21 on Page 9)	11ELC	11ELC	11ELC	11ELC	11ELC	11ELC
IGCSE GEOGRAPHY			11GEC				11GEC
IGCSE HISTORY				11HIC		11HIC	
IGCSE JAPANESE	(See Note 15 on Page 9)				11JPC		
IGCSE MATHEMATICS	(See Note 13 on Page 9)	11MTC	11MTC	11MTC	11MTC	11MTC	11MTC
IGCSE – AS MATHEMATICS	(See Note 14 on Page 9)			11MAC			
IGCSE MUSIC		11MUC					
IGCSE PHYSICS	(See Notes 4 to 8 on Page 9)	11PYC	11PYC	11PYC	11PYC	11PYC	11PYC
IGCSE SPANISH					11SPC		

CIE AS Subjects (open to accelerated students only)		Box 1	Box 2	Box 3	Box 4	Box 5	Box 6
AS MATHEMATICS	(See Note 14 on Page 9)	12MTC	12MTC	12MTC	12MTC	12MTC	
AS MATHEMATICS (2 YEAR COURSE)	(See Note 14 on Page 9)			12MAC			
AS ENGLISH LANGUAGE	(See Note 11 on Page 9)	12ENC	12ENC	12ENC	12ENC	12ENC	
AS ENGLISH LITERATURE	(See Note 11 on Page 9)	12ELC	12ELC	12ELC	12ELC	12ELC	
AS BIOLOGY	(See Note 12 on Page 9)	12BIC	12BIC	12BIC	12BIC	12BIC	
AS CHEMISTRY	(See Note 12 on Page 9)	12CHC	12CHC	12CHC	12CHC	12CHC	
PHYSICS	(See Note 12 on Page 9)	12PYC	12PYC	12PYC	12PYC	12PYC	

NCEA Subject Notes and Important Information:

Please refer to relevant course information contained in this booklet and on the school website – the Senior Course Guide for subject details and entry requirements – www.macleans.school.nz on the Home page, under “Spotlight”.

By completing your option choices on-line you agree to accept the following:

- *We understand the school will endeavour to meet student preferences; however, the availability of all courses is subject to student numbers and staffing.*
- *We agree to abide by the policies and procedures governing student work and assessment at Macleans College and where appropriate the requirements governing candidates for NCEA and CIE.*
- *We agree to pay the examination fees charged by NZQA and/or CIE and the additional administration fees charged by the Macleans College Board of Trustees to CIE candidates, as CIE is not government funded. Students will not be entered for either NCEA or CIE unless all fees are paid.*
- *Students and parents need to satisfy themselves that a chosen course meets the student’s goals for the following year and beyond school*

1. Level 1 Art (Visual) and Level 1 Art (Design & Photography).
Students can only study one of 11ARV or 11ADP
2. Level 1 Technologies:
Students who wish to study more than one of Level 1 Hospitality, Textiles, Robotics & Product Design, Engineering (Mechanical) or Construction, must gain approval from Mrs Bigwood, Year 11 Dean.
3. Cambridge subjects:
11ACC Accounting, 11CNC Chinese and 11JPC Japanese are Cambridge IGCSE subjects which are not offered in NCEA. Students may be able to pick one or two of these subjects.
4. *Shaded Courses.
These courses do not lead to approved subjects for University Entrance. They may include a mixture of Achievement Standards and Unit Standards.
Students selecting more than one of these courses must see Mrs Bigwood, Year 11 Dean
5. Level 1 Māori.
This course will be offered subject to numbers and may be a combined class with Level 2 Maori.
6. Level 1 English for Literacy
See on-line subject details and Course Guide for details.
7. Level 1 Robotics & Product Design
This will be offered subject to numbers and may be a combined class with NCEA Level 2
8. Level 1 Dance may be timetabled with Level 2 and Level 3 Dance
9. Level 1 Commerce
Leads to both NCEA Level 2 Economics and NCEA Level 2 Business Studies, 12ECO and 12BUS.
10. Languages
Students can only choose a maximum of two languages: 11CNC, 11JPC, 11SPA, 11MAO
11. Mathematics
Students who intend to study Mathematics in Year 12 should select 11MAT
(Note: 11MNU does not lead to NCEA Level 2 Mathematics). See on-line subject details.
12. Background
For some courses prior learning is required. Refer to the online Senior Course Guide.
13. Level 1 Science
This course includes Biology, Chemistry and Physics and can lead to NCEA level 2 Biology, Chemistry and/or Physics.

NCEA SUBJECT LIST 2019

Year 11 – Level 1		Year 12 – Level 2		Year 13 – Level 3	
ENGLISH					
English	11ENG	English	12ENG	English	13ENG
or English for Literacy	11ENL	or English for Literacy	12ENL		
or ESOL (English for Speakers of Other Languages)	11ESL	or ESOL +	12ESL		
Media Studies	11MDS	Media Studies	12MDS	Media Studies	13MDS
MATHEMATICS					
Mathematics	11MAT	Mathematics (Continuing)	12MAT	Mathematics (Calculus)	13MCA
		or Mathematics	12MST	Mathematics (General)	13MAT
or Mathematics (Numeracy)	11MNU				
SCIENCE					
Science	11SCI	Biology	12BIO	Biology	13BIO
		Chemistry	12CHE	Chemistry	13CHE
		Physics	12PHY	Physics	13PHY
SOCIAL SCIENCES					
Geography	11GEO	Geography	12GEO	Geography	13GEO
History	11HIS	History	12HIS	History	13HIS
				Classical Studies	13CLS
				Social Studies	13SOS
		*Travel and Tourism	12TRT	*Travel and Tourism	13TRT
PHYSICAL EDUCATION & HEALTH					
Physical Education (NCEA)	11PEA	Physical Education (NCEA)	12PEA	Physical Education (NCEA)	13PEA
		*Sport & Outdoor Education	12SPE	*Sport & Outdoor Education	13SPE
Phys Ed & Heath (Core)	11PED	Phys Ed & Health (Core) / Study	12PED		
LANGUAGES					
Maori	11MAO	Maori	12MAO	Maori	13MAO
Spanish	12SPA	Spanish	12SPA	Spanish	13SPA
				Chinese (classes before school)	13CHN
TECHNOLOGY					
*Engineering (Mechanical)	11TEM	*Engineering (Mechanical)	12TEM		
*Construction	11 TCO	*Construction	12 TCO		
*Hospitality	11TFD				
Design & Visual Communication	11DVV	Design & Visual Communication	12DVV	Design & Visual Communication	13DVV
Digital Technologies (Computing)	11TDD	Digital Technologies (Computing)	12DTG	Digital Technologies (Computing)	13DTG
Robotics & Product Design	11TRE	Robotics & Product Design	12TRE	Robotics & Product Design	13TRE
Textiles Design & Technology	11TEX	Textiles Design & Technology	12TEX	Textiles Design & Technology	13TEX
VISUAL ARTS					
Art (Visual)	11ARV	Art (Painting)	12APA	Art (Painting)	13APA
or Art (Design & Photography)	11ADP	Art (Design)	12ADE	Art (Design)	13ADE
		Art (Photography)	12APH	Art (Photography)	13APH
PERFORMING ARTS					
Dance	11DAN	Dance	12DAN	Dance	13DAN
Drama	11DRA	Drama	12DRA	Drama	13DRA
Music	11MUS	Music	12MUS	Music	13MUS
COMMERCE					
Commerce	11COM	Accounting	13ACT	Accounting (Planned for 2020)	13ACT
		Business Studies	12BUS	Business Studies	13BUS
		Economics	12ECO	Economics	13ECO
		*Financial Literacy	12FNL	*Financial Literacy	13FNL
VOCATIONAL STUDIES					
		*Early Childhood Studies	12ECE		
		*Vocational Studies	12VPS		

CIE Subject Notes and Important Information:

Please refer to relevant course information contained in this booklet, on the school website - the Senior Course Guide for subject details and entry requirements – www.macleans.school.nz on the Home page, under “Spotlight” plus the Cambridge website for further details – www.cie.org.uk

Parents and students should ensure they are fully informed of the details of CIE before completing their subject choices on-line, including examination and administrative costs. (See page 24).

By completing your option choices on-line you agree to accept the following:

- We understand the school will endeavour to meet student preferences; however, the availability of all courses is subject to student numbers and staffing.
 - We agree to abide by the policies and procedures governing student work and assessment at Macleans College and where appropriate the requirements governing candidates for NCEA and CIE.
 - We agree to pay the examination fees charged by NZQA and/or CIE and the additional administration fees charged by the Macleans College Board of Trustees to CIE candidates, as CIE is not government funded. Students will not be entered for either NCEA or CIE unless all fees are paid.
 - Students and parents need to satisfy themselves that a chosen course meets the student's goals for the following year and beyond school
1. You can only study a maximum of two NCEA subjects (see the list in Note 12). You must see Mrs Bigwood if you wish to study two.
 2. You cannot study both NCEA English and NCEA Mathematics i.e. either 11ESL or 11ENG or 11ENL and 11MAT or 11MNU in a CIE course.
 3. You can only choose a maximum of two of:
11ACC, 11BSC, 11ECC
11ENC, 11ELC, 11MDS
11CNC, 11JPC, 11SPC, 11MAO
 4. Students who wish to choose three Sciences (11BIC, 11CHC, 11PYC) must seek approval from Mrs Bigwood, the Year 11 Dean. You will need at least 75% average in your four core Year 10 examinations with no mark lower than 65% and 80% or better in the Year 10 Science examination.
 5. IGCSE Combined Science (11CSC): You cannot choose 11CSC and any of 11BIC, 11CHC or 11PYC. 11CSC does not lead to individual AS Sciences.
 6. You cannot study three Sciences and 11ACC
 7. You cannot study three Sciences and 11CPC
 8. You cannot study two Sciences and both 11ACC and 11CPC
 9. You can only study one Year 11 Art course, either 11ARV or 11ADP (both these Art courses are excellent preparation for AS Art in Year 12)
 10. You can only study one Technology course 11HPY, 11TCO, 11TEM, 11TEX or 11TRE
 11. *Shaded courses. These courses do not lead to University Entrance approved NCEA subjects.
 12. 11ARV, 11ADP, 11DAN, 11DRA, 11ENG, 11ENL, 11ESL, 11HPY, 11MAO, 11MAT, 11MDS, 11MNU, 11PEA, 11TCO, 11TEM, 11TEX and 11TRE are NCEA Level 1 courses that are not offered under Cambridge.
 13. Students who intend to study AS Mathematics in Year 12 are to select 11MTC.
(Note: 11MAT and 11MNU are not designed to lead to AS Mathematics in Year 12). See Course Guide.
 14. AS Mathematics courses (12MTC, 11MAC and 12MAC) – see Course Guide for entry criteria. Students who sat IGCSE Mathematics in Year 10 have special entry criteria for these courses. The AS external exams for 12MTC are in Nov 2019. The AS external exams for 11MAC and 12MAC are in Nov 2020.
 15. IGCSE Japanese (11JPC) and Chinese (11CNC)
Japanese and Chinese will be offered subject to numbers and may be combined IGCSE and AS classes
 16. IGCSE Computer Programming (11CPC) Students who did not study Computer Science in Year 10 will need to see Mrs Bigwood, Year 11 Dean before submitting their options.
 17. NCEA Level 1 English (11ENG) and Level 1 ESOL (11ESL)
These subjects lead to NCEA Level 2 English, or NCEA Level 2 ESOL **not** AS English Literature or AS English Language.
 18. NCEA Level 1 Maori (11MAO)
This course will be offered subject to numbers and may be a combined class with Level 2 Maori.
 19. NCEA Level 1 Robotics & Product Design (11TRE) will be offered subject to numbers and may be a combined class with Level 2.
 20. You can only study one of either NCEA Dance & Drama or NCEA Dance, either 11DAD or 11DRA (both these courses lead to NCEA Level 2 Drama in Year 12).
 21. Students may choose both IGCSE English Language and English Literature, 11ENC and 11ELC.

CIE SUBJECT LIST 2019

Year 11		Year 12 and 13			
IGCSE		AS		A Levels	
ENGLISH					
English Literature	11ELC	English Literature	12ELC	English Literature	13ELC
English Language	11ENC	or English Language	12ENC	English Language	13ENC
or English (NCEA Level 1)	11ENG	or English (NCEA Level 2)	12ENG		
or ESOL (NCEA Level 1) (English for Speakers of Other Languages)	11ESL	or ESOL (NCEA Level 2)	12ESL		
MATHEMATICS					
Mathematics	11MTC	Mathematics	12MTC	Mathematics (Pure & Statistics)	13MSC
Mathematics IGCSE + AS (18 mth)	11MAC				
Mathematics (Yr 1 of 2 Yr AS course)	12MAC				
				Further Mathematics	13MFC
or Mathematics (NCEA Level 1)	11MAT	Mathematics (NCEA Level 2)	12MAT		
or Mathematics (Numeracy) (NCEA)	11MNU				
SCIENCE					
Biology	11BIC	Biology	12BIC	Biology	13BIC
Chemistry	11CHC	Chemistry	12CHC	Chemistry	13CHC
Physics	11PYC	Physics	12PYC	Physics	13PYC
or Combined Science	11CSC	Can lead to IGCSE or NCEA Level 2 Biology, Chemistry and/or Physics			
SOCIAL SCIENCES					
Geography	11GEC	Geography	12GEC	Geography	13GEC
History	11HIC	History (Modern European)	12HIC	History (European Dictators)	13HIC
		History (American)	12HAC		
		Classical Studies	12CLC		
PHYSICAL EDUCATION & HEALTH					
Physical Education & Health (Core)	11PED	Physical Education & Health / Study	12PED		
LANGUAGES					
Chinese	11CNC	Chinese	12CNC	Chinese (Classes before school)	13CNC
Japanese	11JPC	Japanese	12JPC		
Spanish	11SPC	Spanish	12SPC	Spanish	13SPC
TECHNOLOGY					
Design Technology (Graphics)	11DGC	Design Technology (Graphics)	12DGC	Design Technology (Graphics)	13DGC
Computer Programming	11CPC	Computer Programming	12CPC	Computer Programming	13CPC
VISUAL ARTS					
NCEA Art (Visual)	11ARV	Art Painting	12APC	Art Painting	13APC
NCEA Art (Design & Photography)	11ADP	Art Design	12ADC	Art Design	13ADC
		Art Photography	12AYC	Art Photography (in 2020)	13AYC
PERFORMING ARTS					
Music	11MUC	Music (1 st Year)	12MUC	Music (AS 2 nd Year / A Level)	13MUC
COMMERCE					
Accounting	11ACC	Accounting	12ACC	Accounting	13ACC
Business Studies	11BSC	Business	12BSC	Business	13BSC
Economics	11ECC	Economics	12ECC	Economics	13ECC

Notes from the Careers Department

The Careers Department in the Student Advisory Services (SAS) is available to all students and has information on polytechnic and university courses in New Zealand, plus other career and subject related information. These give details of subject requirements and recommendations which will assist students to choose subjects. Career Counsellors Ms Jamieson and Mrs Jones and Career Advisor Mrs Bushé are there to assist students.

It is important when choosing subjects to look ahead and consider the subjects you may wish to take in future years. Some are difficult to pick up if they have not been studied earlier, while other subjects can be started at any level. Look at the Subject Outline and the Subject Lists, which show how subjects progress through the school.

CAREERSNZ: www.careers.govt.nz is available on the internet. This website is recommended as a good source of information on careers. The “Subject Matcher” and “CareerQuest” found under “Tools” and the Jobs Data Base are particularly useful.

CAREERS INFORMATION & EVENTS: www.macleans.school.nz – on the home page click on *Student Life* then *Careers Department* under *Student Support*, to find links to tertiary and other useful career related websites, information sheets, CV and interview resources, information on New Zealand and overseas universities, polytechnics and other tertiary providers.

<https://www.facebook.com/MacleansCareers> is the Careers Department Facebook page where career events at school and elsewhere are advertised.

SCHOOL CONNECT: www.schoolconnect.co.nz - is a website dedicated to helping school students answer the question “*What do you want to do?*” providing information all in one place. Click on *Careers* to learn about jobs and careers. To learn about subjects, where to study them and what they lead to click on *Study*.

Careers Subject Choice Guide

- **ENGLISH** skills in speaking, reading and writing are essential for all careers.
- **Literacy** for all degree courses and many Diplomas and Certificates is usually gained in Year 12 English or ESOL. Either: NCEA Level 2 **or**, CIE AS English (Literature) or AS English Language.
- **English** is compulsory in Years 11 and 12. Many New Zealand and overseas universities and polytechnics require **English** or another writing subject e.g. **History, Geography, Classics** or **Art History** for entry to courses such as **Law, Health Science, Nursing, Architecture** and **Communication Studies**.
- **MATHEMATICS** should not be given up lightly. **Mathematics** or **Statistics** are required or recommended for many university and polytechnic courses and many careers.
- **Numeracy** for all degree courses and many diplomas and certificates is gained in Year 11 Mathematics. Either NCEA Level 1 (or Level 2 or 3) **or**, CIE IGCSE (or AS) Mathematics.
- **INFORMATION TECHNOLOGY** and **COMPUTER** skills are relevant to all careers.
- **SCIENCE** courses build on what is learned the year before. If you are considering dropping **Science** subjects in Year 11 or 12 think carefully about the areas you plan to work in. Many apprenticeships require Year 11 Science, some require Year 12 Physics. At least two of: **Physics, Chemistry** and / or **Biology** are necessary for many science based courses and are difficult to pick up at a tertiary level without school background.
- **SCIENCE CAREERS:** Year 11 students interested in study and work in the sciences should choose two or three IGCSE Sciences - Biology, Chemistry and/or Physics or NCEA Level 1 Science, then two, preferably three **Sciences** and **Mathematics** in Year 12 & 13.

- **HEALTH and CLINICAL CAREERS:** Students interested in **Health Science** or **Biomedical Science** degrees need a strong background in **Chemistry** and **Biology**, also **Physics, Mathematics** and **English**. Selection for limited places to study for degrees in **Medicine** at New Zealand or overseas universities is extremely competitive requiring all-round high ability, achievement and involvement.
- **ENGINEERING:** To enter degree courses students must attain very good results in NCEA Level 3 **Mathematics Calculus** and **Physics** or full A Levels in CIE **Mathematics** and **Physics. Chemistry**, at least NCEA Level 2 or AS is recommended for most specialisations.
- **ARCHITECTURE:** Students interested in **Architecture** need high academic results and should take **Visual Art** subjects to Year 13. **Graphics** and **Physics**, at least to Year 12 level are useful. Also **Mathematics** and **language rich** subjects. Auckland University require a Table A and a Table B subject.
- **COMMERCE:** Students intending to study **Business** degrees should have a good background in **English** or **other writing subjects** and **Mathematics** preferably at Year 13 level. **Economics, Accounting** and **Business Studies** are useful and recommended. (CIE students can only count two of these for University Entrance.)
- **ART and DESIGN:** Most tertiary **Art and Design** courses require a portfolio of work to be submitted for selection. Competitive entry degree courses will be unlikely to select a student who has not taken **Visual Art** subjects at Year 11, 12 and 13.
- **LANGUAGE** studies (**Chinese, Japanese, Spanish, Māori**) build on what is learned the year before. Once dropped it is difficult to pick these subjects up in the senior school. Year 13 background is essential for advanced courses. Introductory courses are available at University and other tertiary levels but it will take longer to major in these subjects.
- **LAW:** To enter the first year of Law, students first need to be accepted into another degree so need appropriate subjects, also **English** and other writing subjects such as **History, Geography & Classical Studies**.
- **PERFORMING ARTS:** For students interested in **Performing Arts** courses, a strong theoretical and practical background from studying **Drama, Dance** and/or **Music**, plus involvement in extra-curricular performance activities, will increase the ability to succeed at audition.
- **APPRENTICESHIPS:** Entry for **Apprenticeships** varies, depending on the trade, but sound results in **English, Mathematics, Science** and **Technology** subjects at Year 11 and 12 are preferred.
- **CERTIFICATES & DIPLOMAS:** Entry level **Certificate** courses at Polytechnics or private training providers require at least three years of secondary education i.e. Year 11. Evidence of ability to study in **English** will also be required. **Diploma** and some **Certificate** courses at polytechnics or private training providers, require successful completion of Year 12 with specified numbers of NCEA Level 2 credits or AS passes. Some courses require, or recommend, particular Year 12 subjects. *Literacy* and *Numeracy* will also be required.

This is only a brief outline. We urge students to make use of websites and visits by organisations during the school year. The Year 10 Careers Unit in Term 3 helped you start thinking about your career ideas, your skills and interests, what questions to ask and where to go for answers. You will have course selection talks and there is also a parent information evening but the final choice is yours and you should make careful, informed decisions.

- Complete the check list at the front of this booklet.
- Start thinking about your skills, interests and values.
- Revisit your Year 10 Careers Unit booklet.
- Research Careers using information on the school website and other websites such as SEEK, No Major Drama, Google and professional organisations.
- Regularly check <https://www.facebook.com/MacleansCareers> the Macleans College Careers Facebook page for details of events offered at school and at other places.
- Attend the Careers Evening held at school.



Choosing Your Subjects

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?
- Are you good at sitting exams or do you prefer to complete assessments throughout the year?

Which subjects will you need?

- Consider university, polytechnic and other courses, apprenticeships, cadetships and work.
- Carefully check web-sites and prospectuses for *essential* required subjects which you must take.
- Consider recommended subjects which are *useful* to study.
- Remember your school studies provide a platform of skills and knowledge for your future learning.
- What you learn is important, not just your number of credits or UCAS points.

Career choices:

- At which year level do you plan to leave school?
- What do you plan to do when you leave?
- What are your short term plans?
- What are your long term goals?

Range of subjects:

- Keep your options open, especially if you are undecided about future course or career plans.
- Some subjects complement each other and go well together to form useful “clusters”.

Pre-requisites for further study:

- Look at the subjects you wish to study in future years.
- Some subjects, if dropped early, may prove difficult to take up again later.
- See Subject Details for the recommended background for each subject.
- Some subjects can be started at any year level.

What is involved in studying the subjects that interest you:

- Will you have to read a lot of books?
- Will you have to write many essays?
- Will you need to do practical experiments?
- Will you need to make things?
- Will the subject involve 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 assessments?

People Who Can Help

At Macleans College we are committed to helping you with your option choices. Read this Senior Course Guide thoroughly, access further information and Subject Details on the school website and ask questions. The Careers Department in the SAS, the Level Heads, your Form Teacher, House Leader, subject teachers and Faculty Heads and Heads of Departments are all available to talk to you.

Form Teachers	<ul style="list-style-type: none"> • How do I enter my subject selections on-line? • Where do I find the Kamar parent portal?
House Leaders	<ul style="list-style-type: none"> • How well do you think I am doing at school, overall? • How do I contact a Faculty Head, Head of Department or Teacher to discuss a subject requirement? • General advice about leaving or returning to school.
Faculty Heads Heads of Department Subject Teachers HOF Extension Studies <ul style="list-style-type: none"> • <i>Mrs J McDougall</i> 	<ul style="list-style-type: none"> • What is involved in studying the next level of 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? • Can I combine subjects at different year levels, depending on my strengths? • What happens if my previous year's results are not as good as expected? • What is involved in studying a subject at an accelerated level?
Careers Department <ul style="list-style-type: none"> • <i>Ms S Jamieson</i> • <i>Mrs B Jones</i> • <i>Mrs K Bushé</i> 	<ul style="list-style-type: none"> • Assessing interests, skills and possible career options. • Which school qualification pathway should I study? • What subjects should I study for a particular career? • What do I need for University, Polytechnic or other training? • Which option choices are best for me? • My option choices clash on the Subject Selection Sheet. • Option changes*
Level Heads <ul style="list-style-type: none"> • <i>Year 13 Mr A Mackenzie</i> • <i>Year 12 Mrs M Thompson</i> • <i>Year 11 Mrs K Bigwood</i> 	<ul style="list-style-type: none"> • Which school qualification pathway should I study? • Can I study a mixed school qualification pathway? • Can I study a multi-level course? • Can I study an extra subject? • Can I study a reduced programme? • Course / qualification / option changes*

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

ESOL Courses

The school offers ESOL classes for all age groups. The ESOL programme is designed to assist and support students for whom English is not their first language, to give them the best possible opportunity to reach their full potential in learning English. This programme covers reading, writing, speaking and listening to English and is designed to enable students to cope with classes in the mainstream curriculum and to communicate confidently.

Details of ESOL classes can be found on the school website; www.macleans.school.nz. Subject Details of 11ESL the Year 11 course NCEA Level 1 ESOL and 12ESL the Year 12 (or 13) course NCEA Level 2 ESOL are found in the **Macleans College Senior Course Guide 2018** (on the Home page under “Spotlight”)

You must successfully complete NCEA Level 1 ESOL (11ESL) in Year 11 or 12 to prepare for NCEA Level 2 ESOL (12ESL) in Year 12 or 13.

The minimum NCEA Level 2 University Entrance *Literacy* requirement is 10 credits – 5 credits in Reading and 5 credits in Writing gained in NCEA Level 2 ESOL (12ESL). However, students are strongly advised to aim for a total of at least 17 credits in NCEA Level 2 or 3 English as this is the academic English standard (AELR) required by the University of Auckland. The NCEA Level 2 ESOL course includes 17 internal credits as well as further external credits.

The minimum CIE English AS University Entrance *Literacy* requirement is a Grade E in either English Literature or English Language AS. However, students are strongly advised to aim for a grade D or better as this is the academic English standard (AELR) required by the University of Auckland.

Students who achieve the minimum University Entrance *Literacy*, achieve University Entrance and other entry requirements but do not meet the AELR can still be admitted to the university but will be required to take an Academic English course in their first semester at university.

Please note that, gaining the English NCEA Level 2 Reading and Writing credits (or the English Literature or English Language AS equivalent), is **ESSENTIAL** to satisfy literacy requirements for **ALL** students applying to study for degrees at New Zealand universities.

Literacy for Students from non-English Speaking Backgrounds

In **New Zealand** gaining the NCEA Level 2 Reading and Writing credits, (or the English AS equivalent), is **ESSENTIAL** to satisfy literacy requirements for **ALL** students applying to study for degrees at New Zealand universities. **It is NOT possible for either domestic students or international, foreign fee paying students, who attend New Zealand high schools, to substitute IELTS, TOEFL or other English language qualifications.**

Most **Australian** universities will expect NCEA Level 3 English for *literacy*. They do not accept mixed entry qualifications so will require CIE students to satisfy their literacy requirements with either AS or A Level English or (for International Students) to supply results for IELTS or TOEFL English language qualifications. Generally AS English Literature or AS English Language Grade C is the minimum grade sufficient for *literacy* for Australian universities but some courses may require a Grade A and some may require A Level English. Students must check carefully for the up-to-date requirements for courses that interest them.

Other **overseas** universities will have their own literacy and English requirements depending on the course applied for and the course and subjects the student is studying at high school. Students must research thoroughly and check carefully for the up-to-date requirements for courses that interest them.

Qualification Pathways at Macleans College

Macleans College offers two qualification pathways:

- National Certificate of Educational Achievement (NCEA)
- Cambridge International Examinations (CIE)

National Certificate of Educational Achievement (NCEA)

NCEA is New Zealand's national qualification.

Further details are available by visiting www.ncea.govt.nz NCEA is offered at three levels:

- Year 11 NCEA Level 1
- Year 12 NCEA Level 2
- Year 13 NCEA Level 3 and Scholarship
- Each subject is divided into a number of Achievement Standards and/or Unit Standards (worth varying numbers of credits).
- There are approximately 6 to 9 standards in each subject.
- Each subject is worth approximately 20 to 26 credits.
- A full five subject course totals 100 to 130 credits.
- Four 'grades' are possible for each Achievement standard: Satisfactory work will gain Achievement (A), Good work will gain Achievement with Merit (M) and Excellent work will be awarded Achievement with Excellence (E). Work which does not meet the required standard will be recorded Not Achieved (NA), if not attempted it will be recorded (SNA).
- Many achievement standards have external examinations sat in November.
- Some NCEA subjects include Unit standards. These are all assessed internally (by the school or other providers). Two grades are possible: A = Achieved or NA = Not Achieved.
- Some subjects are made up entirely of Unit standards.
- All NCEA subjects include some standards which are internally assessed (by the school or other providers). These may be Achievement standards or Unit standards.
- No traditional marks or percentages are awarded.
- University Entrance (UE) is gained using Level 3 credits from approved subjects. (*see page 24*).
- Discretionary entry **MAY** be possible using Level 2 credits, if achievement is very high.
- Students intending to study at university are strongly recommended to choose approved subjects with all or most of their credits from Achievement standards.
- Within the NCEA pathway are a number of subjects, particularly suited to those students more comfortable with practical learning. These are *shaded on the Subject Outline, Faculty flow charts and Notes. A course including more than one of these subjects is **NOT** suitable for students intending to go to university. Students taking these subjects, work towards gaining their NCEA Level 2 and Level 3 certificates.

NCEA Certificates may be built up over a number of years.

- An **NCEA Level 1 Certificate** is awarded to students who have achieved 80 Level 1 credits including 10 credits in Level 1 *Literacy* and 10 in Level 1 *Numeracy*.
- An **NCEA Level 2 Certificate** requires achievement of 80 credits: up to 20 from Level 1 and at least 60 from Level 2 or above. Students must also have achieved at least NCEA Level 1 *Numeracy* and *Literacy*.
- An **NCEA Level 3 Certificate** requires 80 credits: up to 20 from Level 2 and at least 60 from Level 3. Students must also have achieved at least NCEA Level 1 *Numeracy* and *Literacy*.
- Students are able to earn endorsed certificates. Students require 50 Excellence credits at the appropriate level to gain an **NCEA endorsed with Excellence**, and 50 Merit or Excellence credits at the level to gain an **NCEA endorsed with Merit**.
- **Course Endorsements:** Students are able to gain Merit or Excellence endorsement in a course if they gain 14 or more credits at Merit or Excellence for that course in a single year. (For most subjects at least 3 of these credits must be from externally assessed standards and 3 from internally assessed standards in that course.)

Cambridge International Examinations (CIE)

The CIE qualifications are run by the University of Cambridge International Examinations, United Kingdom. The qualifications are widely accepted internationally. Macleans College offers CIE examinations at three levels:

- Year 11 International General Certificate of Secondary Education (IGCSE)
- Year 12 Advanced Subsidiary (AS)
- Year 13 Advanced (A Level)

Additional information can be obtained from either the CIE website www.cie.org.uk or the CIE pages on the Macleans website.

Notes:

- Each subject follows a syllabus laid down in the CIE prescription for that subject.
- A Levels take two years to complete by combining the percentage marks from the AS examinations gained in one year and the A2 examinations in the following year.
- The A2 examination for an A Level must be sat within 13 months of sitting the AS examination.
- Once an AS grade has been used in an A Level grade it is not counted separately in UCAS totals.
- Some local courses have been written around the New Zealand curriculum.
- CIE is examined externally at the end of the year. Most external examinations are held in October/November but some are held in May/June.
- A few subjects have internally assessed components.
- CIE is reported as percentages and across 6 or 7 grades.

Grades for IGCSE and A Level are:

- A* (90 -100%), A (80-89%), B (70-79%), C (60-69%), D (50-59%), E (40-49%)

Grades for AS are:

- A (80-100%), B (70-79%), C (60-69%), D (50-59%) and E (40-49%)

Candidates who fail to reach the standard required will receive U = Ungraded

- University entrance is gained from AS and/or A Level accumulated over a maximum of 6 best subject units during Years 12 and 13. An AS grade in a subject counts as 1 unit, an A Level grade counts as 2 units (*See page 30*).

Grade	% Marks	UCAS Tariff Score	
		AS	A Level
A*	90 – 100	-	140
A	80 – 100	60	120
B	70 – 79	50	100
C	60 – 69	40	80
D	50 – 59	30	60
E	40 – 49	20	40

Pathway Choices

National Certificate of Educational Achievement (NCEA)

- A New Zealand based qualification.
- Wide range of subjects, including practical as well as academic courses.
- Suits students who like to work on and achieve internal assessments throughout the course.
- Less reliance on external examinations at the end of the year.
- Need to work on assessments throughout the year.
- Motivated students aim for achievement with Merit or Excellence in Achievement Standards.
- Students study 6 option subjects in Year 11
- In Year 11 students will be able to choose one or two subjects from the CIE pathway if they are not offered in NCEA
- Achievement with Merit or Excellence at NCEA Levels 2 and 3 is demanding and will provide challenge for able students.
- Students are able to earn NCEA Certificates endorsed with Merit or Excellence.
- Students are also able to gain Excellence or Merit endorsement in an individual subject course.
- NCEA Level 1 students in Year 11 usually continue the NCEA pathway to Level 2 in Year 12 and Level 3 in Year 13.
- Studying Level 3 Achievement Standards is demanding. A good level of achievement at Level 2 in a subject is usually required to proceed to Level 3 in that subject.
- NCEA Level 1 gives a good indication of a student's ability to proceed to NCEA Level 2 study.
- Students are NOT usually able to change from NCEA in Year 11 to CIE in Year 12.

Cambridge International Examinations (CIE)

- An international qualification.
- Wide range of traditional academic subjects.
- Suits students who perform well in external examinations.
- Some courses are internally assessed.
- Broad programme is possible by choosing a range of AS and A Level subjects over two years.
- Motivated students are able to aim for high percentages and A or A* grades.
- Students study 6 option subjects in Year 11
- In Year 11 students may be able to choose one or two subjects from the NCEA pathway if they are not offered in CIE
- Achieving high grades in AS and A Level is demanding and will provide challenge for able students.
- Most CIE students in Year 13, study a mix of AS and A Levels.
- Studying CIE at A Level is demanding and will provide challenge for able students.
- Students must have a high level of achievement in a Year 12 subject at AS, to proceed to A Level in that subject.
- At Year 11, the IGCSE course is within the scope of most students at Macleans College.
- IGCSE gives an indication of a student's ability to progress to Year 12 AS and A Level or to NCEA Level 2.
- Students who successfully study IGCSE Level in Year 11 will be able to apply to continue the CIE pathway to AS in Year 12.
- Some students may choose, or be advised, to change to NCEA Level 2 in Year 12. The final decision will rest with the school and will take into consideration each student's ability, learning style and previous academic success and the availability of courses.

Comparison between NCEA and CIE

National Certificate of Educational Achievement (NCEA)	Cambridge International Examinations (CIE)
New Zealand qualification	International qualification
Administered by the New Zealand Qualifications Authority (NZQA)	Administered by the University of Cambridge
Taught and assessed as a number of Achievement Standards and / or Unit Standards	Taught and assessed as whole subject syllabuses
All courses have some internally assessed work	All subjects have external examinations
Results given as 4 grades	Results given as 6 or 7 grades and percentages
Moderation by New Zealand management panels	Moderation by international benchmarking
University Entrance gained from Level 3 credits in <i>approved</i> subjects	University Entrance gained from AS and A Level subjects equivalent to <i>approved</i> subjects

CIE / NCEA

- Students should consult their subject teachers before choosing which pathway they wish to follow.
- Course outlines, and details of recommended and required entry standards, for subjects offered at Macleans College, are on the school website.
- It is essential that you check the subject details carefully and use the information to help you make your option choices.
- Both qualification pathways lead to University Entrance.
- Both qualifications can be used to apply for overseas universities.

Combining NCEA and CIE Pathways

- Usually it is preferable that students do not study a mixture of CIE and NCEA. NCEA Level 3 and CIE AS/A Level results **cannot** be combined to meet the general standard for University Entrance.
- There is some flexibility in using a mix of *Literacy* and *Numeracy* standards from NCEA in a CIE course.
- In Year 11 many students will study a mixed pathway to encourage a broad and balanced course. They may choose one or two subjects from the other pathway if those subjects are not offered in their main pathway. Students will need permission from the Year 11 Dean to take two.
- In Years 12 and 13 students will generally choose all their subjects from their main pathway.
- Students who change from CIE in Year 11 to NCEA in Year 12, who hope to gain University Entrance, will need to make sure that they gain at least 10 Level 1 (or higher) *Numeracy* credits by the end of Year 13 so that they achieve NCEA numeracy for their NCEA Level 3 Certificate which is one of the requirements for NCEA University Entrance.

Multi-Level Pathways

- It may be possible to study subjects from different levels.
- Many CIE students study a mix of AS and A Level in Years 12 and 13.
- Consult the Careers staff and your subject teachers and Faculty Heads.
- You may be advised to study one or more of your subjects at a lower level, eg NCEA Level 2 in Year 13.
- In special cases it may be possible to study some subjects at a higher level, eg CIE AS in Year 11
- Final approval rests with the appropriate Deputy Principal, Year Level Dean.

Vocational Pathways

The Vocational Pathways is a tool that provides a framework for vocational options. There are six pathways which represent ways to structure and achieve NCEA Level 2. The pathways will help students to develop their education plan, so they are better informed and able to make better choices to meet their vocational goals.

There are a range of tools, including a Profile Builder at:

www.youthguarantee.net.nz/start-your-journey



NCEA Employment Focused Subjects

- These courses are largely made up of internally assessed Unit Standards. They may include some achievement standards. They are shaded on subject lists.
- They are generally open entry i.e. they may be picked up without prior learning (with permission).
- These subjects are NOT intended to prepare students for University or other degree study and are NOT (or do not lead to) *approved* subjects for University Entrance.
- A course including 2 or more of these shaded subjects is suited to students who do NOT intend to go to University, or study at degree level, when they leave school.
- Students in Year 12 and 13 work towards achieving their NCEA Level 2 and Level 3 Certificates.
- These subjects combine to form a vocational pathway with practical learning. They help prepare students for entry into certificate and diploma courses, apprenticeships and employment.

Subject	Level 1	Level 2	Level 3
*Construction	✓	✓	
*Early Childhood Studies		✓	
*Engineering (Mechanical)	✓	✓	
*Financial Literacy		✓	✓
*Hospitality	✓		
*Sport & Outdoor Education			✓
*Travel and Tourism		✓	✓
*Vocational Pathway Studies		✓	

Gateway, STAR and Trades Academy Programmes

The **Gateway** programme offers structured workplace learning opportunities to selected senior students. It is designed to strengthen the pathway from school to work or further study by providing students with first-hand experience of potential career pathways. Students complete a work placement and have their learning assessed to gain Unit Standards (approximately 20 credits).

Twenty seven students each year are placed with various local employers for one day a week over a six to ten week period. In 2018 these included: Buckland Beach Kindergarten, Air NZ Engineering, South Auckland Motors, Faulkner Construction LTD, The Learning Ladder and Bucklands Beach Veterinary Clinic

The **STAR** programme offered by the Careers Department is for selected students who go out of school to STAR courses run by tertiary providers. Courses are always related to a career area of interest to the student and offer Unit Standards. They may be one day Taster Courses or Full Courses run one day a week for several weeks. In 2018 courses included programmes in: Travel & Tourism, Workplace First Aid, Computer Software, Computer Hardware and Broadcasting and Hospitality.

Trades Academy is a Level 2 tertiary partnership with MIT. As part of the Level 2 Vocational Studies class students choose a course at MIT which they attend one day a week for the full year. Some courses offered are: Building and Electrical, Engineering CAD, Engineering Refrigeration, Information Technology, Business Administration, Hospitality and Logistics. Courses are made up of approximately 30 NCEA Level 2 credits.

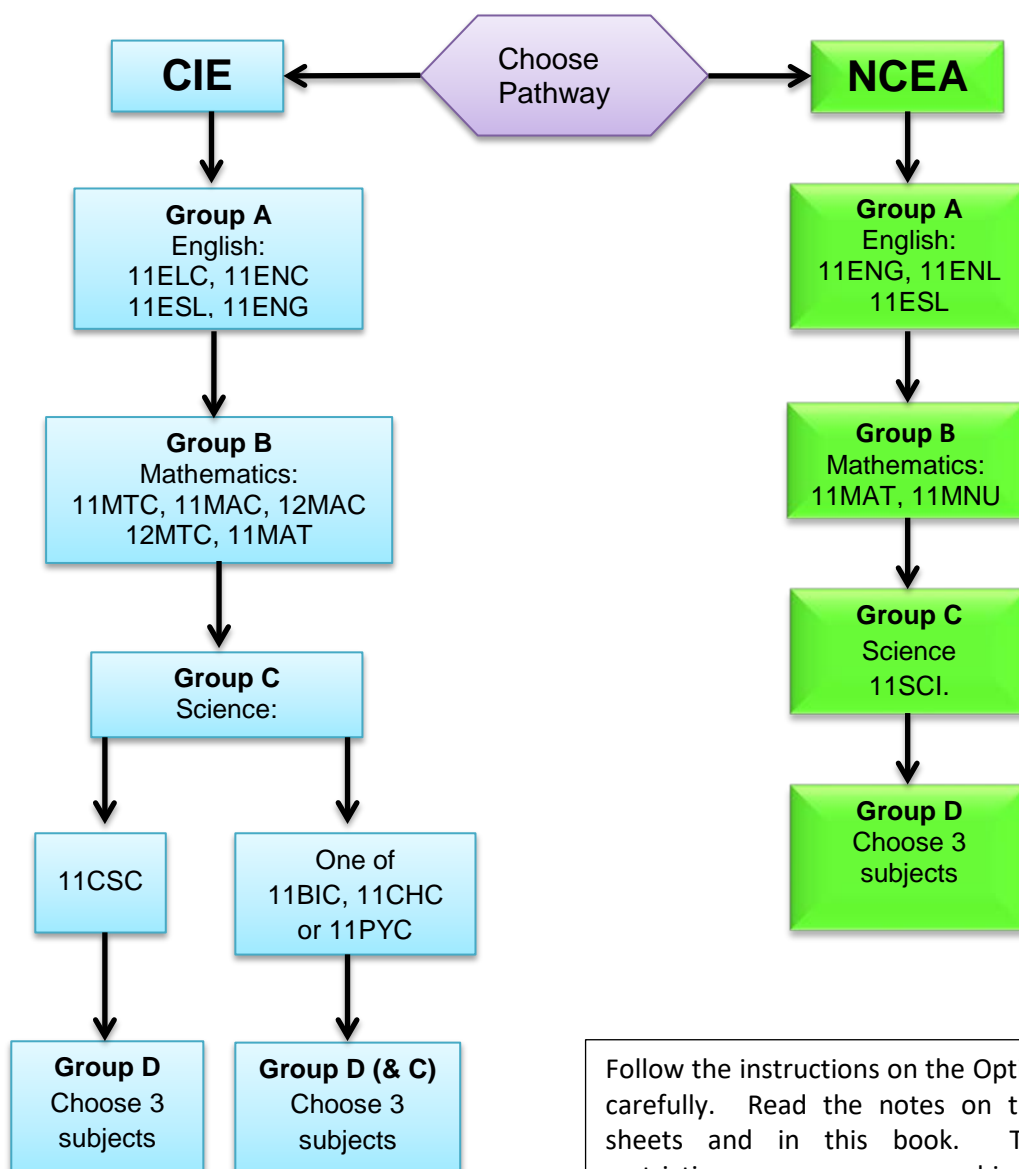
Choosing your Option Subjects

Students must work hard each year to achieve the necessary background to successfully progress from one year level to the next. Year 10 students apply for their Year 11 options at the end of Term 3 choosing either a CIE or an NCEA pathway with six option subjects.

Final acceptance into a pathway and your choice of subjects will be dependent on your results in the Year 10 End of Year Examinations held in Term 4. The on-line subject details include specific entry requirements and recommended backgrounds for each subject offered in Year 11, 12 and 13.

Those students with low results in the four core examinations - **English, Mathematics, Science and Social Studies** will need to discuss their course with the Year 11 Dean, Mrs K Bigwood in November.

If you wish to include three single sciences in your options you must seek permission from Mrs Bigwood, Year 11 Dean. To be considered for this you will need a minimum of 80% in the Year 10 Science examination and have an average of **75%** or better in your **four** core Year 10 exams with no subject less than **65%**.



Follow the instructions on the Option Sheets carefully. Read the notes on the option sheets and in this book. There are restrictions on some combinations of subjects. Make sure that you have chosen a broad based course and have sought permission if your chosen course requires it.

Compulsory Subjects /Number of Option Subjects

English is compulsory in Years 11 and 12:

- Year 11 students study
 - 11ENG NCEA Level 1 English *or*
 - 11ENL NCEA Level 1 English for Literacy *or*
 - 11ESL NCEA Level 1 ESOL *or*
 - 11ELC IGCSE English Literature *or*
 - 11ENC IGCSE English Language.
- Year 12 NCEA students study
 - 12ENG NCEA Level 2 English *or*
 - 12ENL NCEA Level 2 English for Literacy *or*
 - 12ESL NCEA Level 2 ESOL.
- Year 12 CIE students study
 - 12ELC AS English Literature *or*
 - 12ENC AS English Language *or*
 - 12ELA NCEA Level 2 English *or*
 - 12ESL NCEA Level 2 ESOL.
- Completion of any of these Year 12 courses will satisfy *Literacy* requirements for University Entrance.
- Accelerated students who successfully passed IGCSE English Literature in Year 10 may choose the AS English Literature or AS English Language programme in Year 11 and continue English to A Level in Year 12. Alternatively they will pick up another Humanities (English-rich) subject in Year 12 or 13.

Mathematics is compulsory in Year 11:

- Most Year 11 students study
 - 11MAT NCEA Level 1 Mathematics *or*
 - 11MTC IGCSE Mathematics
- Students who find the subject difficult study 11MNU NCEA Level 1 Mathematics (Numeracy) which has NCEA Level 1 internal Achievement standards and internal numeracy unit standards.
- Completion of any of these three courses will satisfy *Numeracy* requirements for University Entrance.
- Students with high ability in Mathematics who have not been accelerated may apply for the 11MAC course which is a two year course including IGCSE (6 months) + AS (18 months)
- Accelerated students who successfully passed Mathematics IGCSE in Year 10 may choose 12MTC the AS Mathematics programme or 12MAC the 2 year AS Mathematics programme.

Core Physical Education and Health is compulsory for most students in Years 11 and 12.

Number of subjects:

- Year 11 students study a SIX subject course including an English course, a Mathematics course, a Science course and three other option subjects plus two Physical Education periods.
- Year 12 NCEA students must study a FIVE subject course including an English course and four other option subjects plus core Physical Education / Study.
- Students studying NCEA Level 3 in Year 13 usually study FIVE option subjects.
- For some students it may be appropriate to study a mixed level programme, eg four NCEA Level 3 subjects and one Level 2 subject.
- Students studying CIE in Year 12 usually study FOUR subjects including an AS English course or ESOL.
- Some Year 12 CIE students, with permission from Mrs Thompson, Year 12 Dean, will be able to study NCEA Level 2 English plus three or four other AS subjects.
- Students usually study FOUR subjects including a mix of AS and A Levels in Year 13.
- CIE students may be able to study five CIE subjects if they have very good results in the preceding year and permission from Mrs Thompson for Year 12, or Mr Mackenzie for Year 13.
- Students will need very good Year 12 results and permission from Mr Mackenzie if they wish to study more than three subjects at A Level in Year 13.
- CIE students should plan a two year programme for AS and A Level subjects in Years 12 and 13.
- Year 11 students will be able to include ONE subject from the other pathway if it is NOT offered in their main pathway. If appropriate, Year 11 students may study two subjects from the other pathway; they will need permission from the Year 11 Dean if they wish to take two.

Re-assessment / Absences / Trips / Appeals

The school has written policies covering these aspects of NCEA and CIE. All students are given a summary of the key policy statements for each of their subjects at the start of the school year.

There are NO re-assessment opportunities for internally assessed NCEA standards but a re-submission is possible in some subjects. Always aim to achieve the highest grade you can.

There is generally no reassessment opportunity for CIE. If a student misses a CIE examination or practical for any reason, including illness, it is **unlikely** that a compassionate aegrotat assessment will be granted.

Examination Entry and Fees

Entry fees for the National Certificate of Educational Achievement (NCEA) Levels 1, 2 and 3 and Cambridge International Examinations (CIE) - IGCSE, AS and A Levels are collected in July/August by the school on behalf of the New Zealand Qualifications Authority and Cambridge International Examinations.

NCEA

Current Fees for DOMESTIC Students (New Zealand citizens and holders of Permanent Residency Visas):

Entry for all NZQA standards	\$76.70
Entry for each Scholarship subject	\$30.00 per subject

It is possible, in cases of financial hardship, to apply for financial assistance to subsidise payment of the NZQA fees for Domestic Students. (This is not available to International Students.)

NCEA students who have CIE subjects in their timetable must pay the CIE fees as well as their NZQA fees.
Example: Fee for 5 x NCEA subjects + 1 x IGCSE subject = \$257.70

Current Fees for INTERNATIONAL Fee-Paying Students:

Entry for all NZQA standards	\$383.30
Entry for each Scholarship subject	\$102.20 per subject

CIE

Details of the current fees charged in **2018** are shown below, these are subject to change but may be used as an **indication** of the fees to be charged in **2019**.

Fees are the same for **Domestic** and **International** Students. They are set each year by Cambridge International Examinations in UK Sterling (£) and converted to Dollars NZ\$.

The fees are indicative only and may be subject to change due to currency fluctuation.

It should be noted that CIE fees are more expensive than NCEA fees and it is **NOT** possible to apply for financial assistance.

IGCSE (Indicative Charges):		AS / A Level (Indicative Charges):	
CIE Admin Fee (Macleans)	\$70.00	CIE Admin Fee (Macleans)	\$70.00
per Subject Fee	\$111.00	per Subject Fee AS or A2 Level	\$116.00
		per Subject Fee A Level (AS + A2)	\$175.00
		AS Sciences Practical Additional Fee	\$40.00
		AS, IGCSE Art Practical Additional Fee	\$40.00
<i>Example:</i>	<i>Fee for 6 x IGCSE Subjects = \$736.00</i>	<i>Example:</i>	<i>Fee for 4 x AS Subjects = from \$534.00</i>

CIE students who have NCEA subjects in their timetable, or who wish to enter Scholarship, must pay the NZQA fees as well as their CIE fees. *Example: Fee for 5 x IGCSE subjects + 1 x NCEA Level 1 subject = \$701.70*

All students will be expected to enrol for all their timetabled course of NCEA, CIE or combined CIE / NCEA subjects and sit the appropriate examinations at the end of the year.

Please note: The CIE examinations at the end of year are completed earlier than the NCEA examinations.

NCEA – University Entrance

General standard:

Achievement of NCEA Level 3 Certificate: (Requires achieving at least 80 credits - 60 credits or more must be at Level 3 or higher and up to 20 credits at Level 2 or higher also at least Level 1 *Numeracy & Literacy*).

A minimum of 14 credits at Level 3 or higher in each of three subjects from the list of approved subjects. (The remaining credits to achieve NCEA Level 3 may come from either achievement or unit standards).

Literacy standard:

A minimum of 10 credits at Level 2 or higher in English or Te Reo Maori; 5 credits must be in Reading and 5 credits must be in Writing. The literacy credits will be selected from a schedule of approved achievement standards and unit standards found on www.nzqa.govt.nz

Numeracy standard:

A minimum of 10 credits at Level 1 or higher in Mathematics from specific Achievement standards or three specific Numeracy Unit standards.

<u>General</u> NCEA Level 3 Certificate	Approved Subject 1 (14 credits)	Approved Subject 2 (14 credits)	Approved Subject 3 (14 credits)	At least 38 further credits (18 credits at Level 3 or above and 20 credits Level 2 or above)	
	<u>Literacy</u> Level 2 (or above) 10 credits	Reading (5 Credits)	Writing (5 Credits)		
	<u>Numeracy</u> Level 1 (or above) 10 credits	Mathematics/Numeracy (10 credits)			

NOTES:

The minimum *Literacy* requirement for University Entrance is 10 credits - 5 Reading credits and 5 Writing credits. However, students are strongly recommended to achieve a total of **17 or more credits** in NCEA Level 2 or 3 English. This is the level of academic English literacy required for entry to all degrees at the University of Auckland.

It is NOT possible for international students studying at NZ high schools to substitute IELTS or TOEFL for the required NCEA Level 2 *literacy* standards.

NCEA Approved Subjects:

Year 13 students who plan to study for a degree should select at least four, preferably five, Level 3 *approved* subjects that have most of their credits from Achievement Standards. The subjects *approved* for University Entrance which are offered at Macleans College in 2019 are listed below.

Approved Subjects offered at Macleans College in 2019		NCEA Level 3
Art (Design)	Digital Technologies	Mathematics (Calculus)
Art (Painting)	Dance	Mathematics (General)
Art (Photography)	Drama	Music
Biology	Economics	Physical Education
Business Studies	English	Physics
Chemistry	Geography	Robotics & Product Design
Chinese	History	Spanish
Classical Studies	Maori	Social Studies
Design & Visual Communication	Media Studies	Textiles

CIE – University Entrance

General standard:

CIE candidates presenting AS or A Level must gain a minimum of 120 points on the UCAS Tariff *and* a minimum Grade of D in *each of* at least 3 subjects equivalent to subjects in the approved list.

Literacy standard:

A CIE candidate with an E Grade or better in English (Literature) AS or English Language AS will be deemed to have satisfied the literacy requirements of the university entrance standard.

Numeracy standard:

Grade D or better in Mathematics IGCSE will be deemed to have satisfied the numeracy requirements of the university entrance standard. (Mathematics taken at AS, will also satisfy the numeracy requirement. Mathematics IGCSE is the minimum acceptable).

The UCAS Tariff score is accumulated over a maximum of 6 best subject units. An AS counts as 1 unit, an A Level counts as 2 units. UCAS tariff points can be accumulated over one or two years. Pre-U subjects with D1, D2 or D3 grades will earn higher UCAS points see *page 18*.

Grade	% Marks	UCAS Tariff Score	
		AS	A Level
A*	90 – 100	-	140
A	80 – 100	60	120
B	70 – 79	50	100
C	60 – 69	40	80
D	50 – 59	30	60
E	40 – 49	20	40

General

AS or A level

(UCAS total for best 6 subjects 120 points)

Approved Subject 1
(D or above)

Approved Subject 2
(D or above)

Approved Subject 3
(D or above)

Up to 3 other subject units to complete a UCAS points total of 120.

Literacy
AS (or above)

English Literature or English Language
(E or above)

Numeracy
IGCSE (or above)

Mathematics
(D or above)

NOTE: AS English Grade E is the minimum Literacy requirement for University Entrance. However, students are strongly advised to achieve a Grade D or better. This is the level of academic English literacy required for entry to all degrees at the University of Auckland.

CIE Approved Subjects:

All CIE AS and A Level subjects offered at Macleans College are equivalent to *approved* subjects. AS is the minimum University Entrance level in New Zealand for most degrees. However, some degrees require particular subjects and may require them at A Level.

Approved Subjects offered at Macleans College in 2019				CIE AS/A Level	
Accounting	AS/A	Classical Studies	AS	Japanese	AS
Art (Design)	AS/A	Computer Programming	AS/A	History (American)	AS
Art (Painting)	AS/A	Design Technology (Graphics)	AS/A	History (European)	AS
Art (Photography)	AS	Economics	AS/A	History (Dictators)	A
Biology	AS/A	English Literature	AS/A	Mathematics	AS/A
Business	AS/A	English Language	AS/A	Music	AS/A
Chemistry	AS/A	Further Mathematics	A	Physics	AS/A
Chinese	AS/A	Geography	AS/A	Spanish	AS/A

Entry to Certificate and Diploma Courses

Certificate courses (Levels 1,2,3) at polytechnics or private training providers require at least 3 years of secondary education, for example, successful completion of Year 11 with NCEA Level 1 credits with at least 10 credits in NCEA Level 1 English. For some courses credits in particular subjects will be required.

Many **Diploma** and some **Certificate** courses (Levels 4, 5, 6) at polytechnics or private training providers, require successful completion of Year 12 credits at NCEA Level 2 (often 48 or more) or 60 UCAS points in CIE AS. Some courses require, or recommend, particular Year 12 subjects. Some courses require a higher academic standard or have additional requirements e.g. a greater number of Level 2 credits, Level 3 credits, particular subjects, interview, portfolio, audition, or Curriculum Vitae.

It is important to check the requirements for each course and each provider as they vary.

Entry to New Zealand Universities

The *Common Entrance Standard*, detailed on the previous pages, is the minimum standard which must be met to gain entry to university in New Zealand. It is laid down by the New Zealand Vice Chancellors Committee. It is the minimum standard required for entry to all undergraduate degree programmes in New Zealand.

Students should note that UE is the **minimum** requirement for entry to degree programmes - most university courses require a higher standard for entry and/or specific subjects.

To meet the *Common Entrance Standard* for UE to New Zealand universities and other undergraduate degree programmes in New Zealand, students must meet three requirements:

- A general subject standard
- A *Literacy* standard
- A *Numeracy* standard

Combining NCEA and CIE Pathways

The General Subject standard must be met entirely from one pathway. Universities and polytechnics have some flexibility in recognising Literacy and Numeracy standards from either pathway. Students are encouraged to study subjects which enable them to gain their University Entrance from one pathway.

Limited Entry Degree Courses

As well as gaining University Entrance, students will need to satisfy **additional requirements** for competitive entry to a large number of popular and/or challenging degree programmes. These include higher scores and particular subjects or other additional requirements such as portfolios, auditions, written statements, references and/or interviews.

Entry to Overseas Universities

Qualifications required for entry to courses at overseas universities vary enormously. It is essential that students interested in studying overseas prepare thoroughly, start planning early and carefully check websites and prospectuses for details. It is important to start gathering information and making applications at least a year ahead as the process is very time consuming. It is possible to apply with good results in either CIE or NCEA. Website links and information sheets are available on the school website. Follow the **Student Life** link at the top left of the home page then **Student Support** in the centre of the screen with **Careers Department** below then choose **Overseas Universities**.

Location of Faculty Heads

Faculty Heads / Heads of Department you may need to consult for course approval:

Learning Area	Faculty Head / Head of Dept.	Room	Location
Commerce	Mr M Caley	H2 (Faculty Head Office)	Hillary House
English	Mr R Irving	T6 (Faculty Head Office – T3)	Te Kanawa House
ESOL	Mrs T Mair	L4 (HOD Office)	Languages Block
Languages	Mr C Rodriguez	L2 (Faculty Head Office – L12)	Languages Block
Mathematics	Mr S Buckley	K2 (Faculty Head Office – K3)	Kupe House
Performing Arts – Dance/Drama	Dr J Luton	Drama Room (Faculty Office)	Auditorium
Performing Arts - Music	Mr S Miles	MU11 (Faculty Head Office)	Music Suite
Physical Education & Health	Mr A Venter	(Faculty Head Office – G26)	Gymnasium
Sciences	Dr I Thomas	(Faculty Head Office)	Science Admin Block
Social Sciences	Mr N Hamilton	U10 (Faculty Head Office)	Upham House
Technology	Mr P Summerville	3.4 (Faculty Head Office)	Technology Block
Visual Arts	Mrs J Williams	A5 (Faculty Head Office)	Art Block
Extension Studies	Mrs J McDougall	U8	Upham House
Gateway / STAR / Trades Academy	Mrs K Bushé	Careers Department	SAS
Year 11 Level Head	Mrs K Bigwood	SMT, DP's Office	Top Office

Subject Details

Subject Details are available for all Year 11, 12 and 13 subjects offered at Macleans College in 2019 on the school website. Carefully read them.

NCEA students usually select only NCEA subjects.

Year 11 NCEA students who wish to study Chinese, Japanese or Accounting may be able to select ONE or TWO of these from the CIE pathway.

CIE Students usually select only CIE subjects.

Year 11 CIE students may be able to select ONE or TWO NCEA subjects, which are not offered in the CIE pathway. This is not usually recommended for Year 12 students unless it is ESOL or English. It may be appropriate in Year 13 to choose one NCEA subject not offered in CIE.

Year 11, 12 &13 Subject Details in the Senior Course Guide 2019.

www.macleans.school.nz

On the Home Page > Student Life > Academic Information > Course Guides

Subject Lists

Subject Details are available for all Year 11, 12 and 13 subjects offered at Macleans College in 2019 on the school website. Carefully read them in conjunction with the Subject List on page 6.

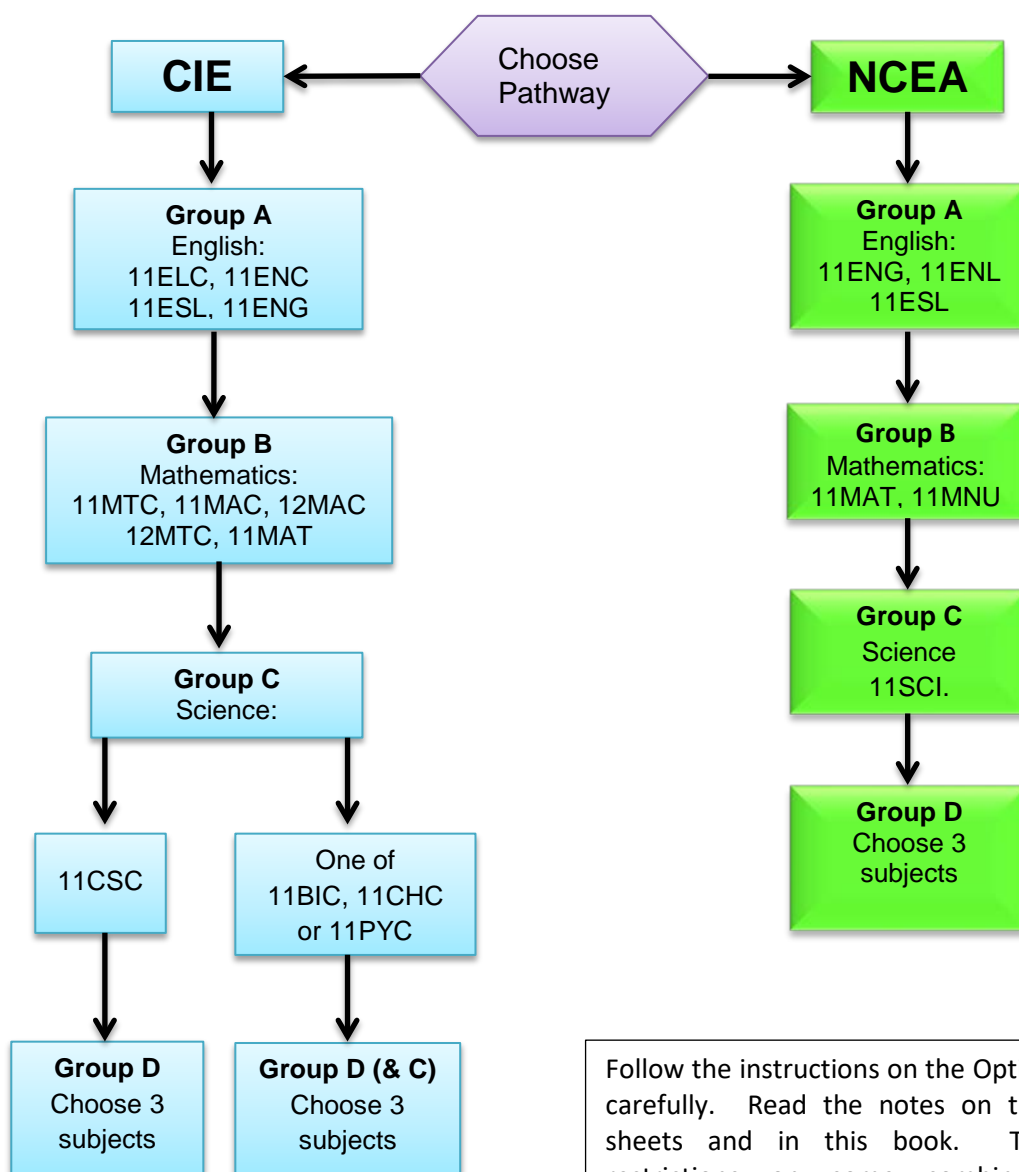
Year 11, 12 & 13 Subject Details in the Senior Course Guide 2019.

www.macleans.school.nz

On the home page > Student Life > Academic Information > Course Guides

NCEA Subject Details 2018	NCEA (Cont)	CIE (Cont)
COMMERCE:	SOCIAL SCIENCES:	LANGUAGES:
Commerce (1)	Classical Studies (3)	Chinese (IG, AS, A)
Accounting (2)	Geography (1,2,3)	
Business Studies (2,3)	History (1,2,3)	Japanese (IG, AS)
Economics (2,3)	Social Studies (3)	Spanish (IG, AS, A)
*Financial Literacy (2,3)	*Travel & Tourism (2,3)	
ENGLISH:	TE REO MAORI:	
English (1, 2, 3)	Te Reo Maori (1,2, 3)	MATHEMATICS:
English for Literacy (1, 2)	TECHNOLOGY:	Mathematics (IG)
ESOL (1, 2)		Mathematics (IG + AS 18 month)
HOSPITALITY :	*Construction (1, 2)	Mathematics (AS 2 Year course)
*Hospitality (1)	Design & Visual Communication (1,2,3)	Mathematics (AS, A)
EARLY CHILDHOOD	Digital Technologies (1, 2, 3)	Mathematics (Uni Maths)
*Early Childhood Studies (2)	*Engineering (Mechanical) (1, 2)	Further Mathematics (A)
LANGUAGES:	Robotics & Product Design (1, 2, 3)	PERFORMING ARTS:
Chinese (3)	Textiles (1, 2, 3)	Music (IG, AS, A)
Spanish (1, 2, 3)		
MATHEMATICS:		
Mathematics (1)	VISUAL ARTS:	SCIENCES:
Mathematics (Continuing) (2)	Art (Design & Photography) (1)	Biology (IG, AS, A)
Mathematics (Calculus) (3)	Art (Visual) (1)	Chemistry (IG, AS, A)
Mathematics (General) (3)	Art (Design) (2, 3)	Physics (IG, AS, A)
Mathematics (Numeracy) (1)	Art (Painting) (2, 3)	Combined Science (IG)
Mathematics (Year 12 only) (2)	Art (Photography) (2, 3)	SOCIAL SCIENCES:
MEDIA STUDIES:		Classical Studies (AS)
Media Studies (1, 2, 3)	VOCATIONAL STUDIES:	Geography (IG, AS, A)
PERFORMING ARTS:	*Vocational Studies (2)	History (IG)
Dance (1, 2, 3)		History (American) (AS)
Drama (1, 2, 3)		History (Modern European) (AS)
	CIE Subject Details 2018	History (European Dictators) (A)
Music (1, 2, 3)	COMMERCE:	
PHYSICAL EDUCATION:	Accounting (IG, AS, A)	TECHNOLOGY:
Physical Education (1, 2, 3)	Business Studies (IG, AS, A)	Design Technology - Graphics (IG,AS,A)
*Sport & Outdoor Education (2/3)	Economics (IG, AS, A)	
SCIENCES:	COMPUTER SCIENCE:	VISUAL ARTS:
Science (1)	Computer Programming (IG, AS, A)	Art (Design) (AS, A)
Biology (2,3)	ENGLISH:	Art (Painting) (AS, A)
Chemistry (2,3)	English Literature (IG, AS, A)	Art (Photography) (AS, A in 2020)
Physics (2,3)	English Language (IG, AS, A)	

Choosing your Option Subjects:



Follow the instructions on the Option Sheets carefully. Read the notes on the option sheets and in this book. There are restrictions on some combinations of subjects. Make sure that you have chosen a broad based course and have sought permission if your chosen course requires it.