

NCEA AND CIE PATHWAYS



INFORMATION EVENING

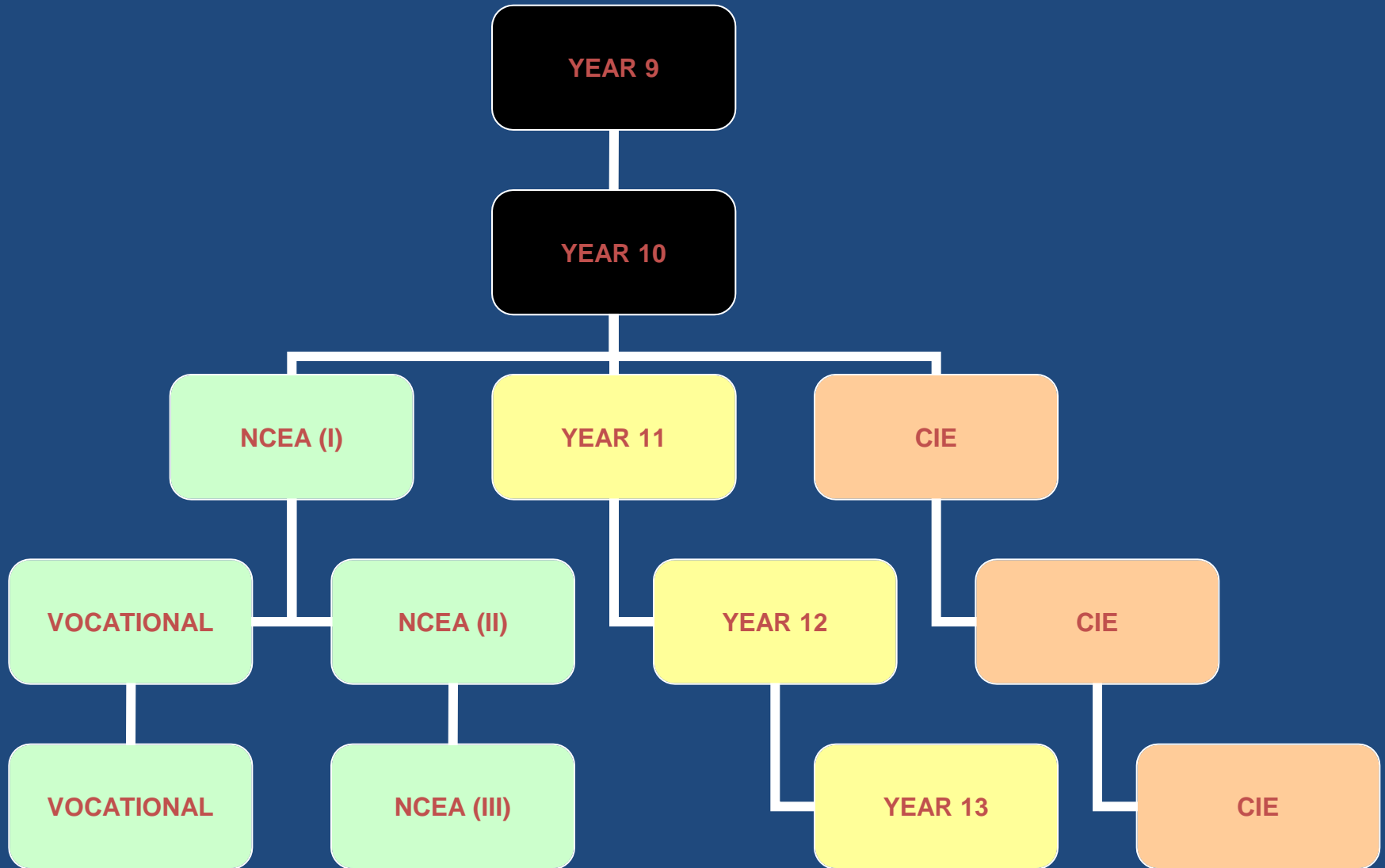
Many schools run multiple pathways but these are usually NCEA and Vocational.

Macleans has an integrated programme of three different pathways

MULTIPLE PATHWAY RATIONALE

- ▶ Catering for differing learning needs
- ▶ Catering for differing learning outcomes
- ▶ Choice
- ▶ International market
- ▶ Philosophical reasons
- ▶ We made decisions to suit the needs of our students (and parents)

STRUCTURE



NCEA

**National Certificate
of Educational Achievement**

From 2004 the National Certificate of Educational Achievement is available at 3 levels:

- ▶ Level 1 for Year 11 students
- ▶ Level 2 for Year 12 students
- ▶ Level 3 for Year 13 students

Level 4 NZ Scholarship also available.

ASSESSMENT

- ▶ All assessment is standards based.
- ▶ A portion of the Achievement Standards for each subject are externally assessed.
- ▶ The remainder are internally assessed.

STANDARDS BASED ASSESSMENT

- ▶ Every Achievement Standard is marked using Standards Based Assessment.
- ▶ Standards describe what a student knows and can do.
- ▶ Standards describe the level of work that students need to produce.

STANDARDS BASED ASSESSMENT

- ▶ Students are awarded one of 4 grades for each Achievement Standard:

- ▶ Not Achieved No credit

- ▶ Achieved

- ▶ Merit

- ▶ Excellence

} Pass - gain credits

- ▶ No marks allocated

LEVEL 2 MATHEMATICS

			Level	No. of Credits	Result
U	5251	Choose and apply trigonometric methods to solve problems involving lengths and angles	2	3	Int A
A	90284	Maths 2.1 - Manipulate algebraic expressions and solve equations	2	2	Ext E
A	90285	Maths 2.2 - Draw straightforward non-linear graphs	2	4	Ext M
A	90286	Maths 2.3 - Find and use straightforward derivatives and integrals	2	2	Ext E
A	90287	Maths 2.4 - Use coordinate geometry methods	2	2	Ext A
A	90288	Maths 2.5 - Select a sample and use this to make an inference about the population	2	3	Int A
A	90289	Maths 2.6 - Simulate probability situations, and apply the normal distribution	2	4	Int A
A	90290	Maths 2.7 - Solve straightforward problems involving arithmetic and geometric sequ...	2	0	Ext NA
A	90292	Maths 2.9 - Solve straightforward trigonometric equations	2	3	Ext A
				Credit Total	23
				Grade Point Total	58

GRADE POINT TOTALS

E (excellence) = 4 pts

M (merit) = 3 pts

A (achieved)= 2 pts

NA (not achieved) = 0 pts

Geography Level 3 24 credits

AS Natural Processes 4 credits

Get all 4 credits if you gain either E, M or A, however an excellence would generate a grade point total of 16.

GAINING A NCEA

Level 1 : 80 credits at any level, including 8 in reading and writing (literacy) and 8 in number skills (numeracy) - at least 50% at Level 1 credits.

Level 2 : 80 credits; a minimum of 60 credits at Level 2 or above.

Level 3 : 80 credits; a minimum of 60 credits at Level 3 or above.

CIE PATHWAY

Cambridge International Examinations

run by

UCLES

(University of Cambridge Local Examinations
Syndicate, a department of the University of
Cambridge)

See www.cie.org.uk

CIE INTERNATIONAL MARKET

CIE can meet the International market in terms of:

- ▶ Student Background
- ▶ International student market
- ▶ For us this is largely from China, Korea, Malaysia and more recently from Europe,
- ▶ There is a growing interest in International Universities for both “International” and “local” students - in particular these are in Australia, USA, Britain and at “home”

COURSE CHARACTERISTICS

- ▶ External examinations
- ▶ Practical work in science
- ▶ Speaking and Listening tests in languages
- ▶ Individual research
- ▶ Practical work in art, music and technology
- ▶ Mid-Year resits.

CIE

- ▶ CIE offers three general secondary qualifications:
 - ▶ Year 11 - IGCSE
 - ▶ Year 12 - GCE Advanced Subsidiary (AS)
 - ▶ Year 13 - GCE Advanced Level (A Level)

IGCSE

- ▶ International General Certificate of Secondary Education.
- ▶ CIE equivalent to the British GCSE.
- ▶ Foundation for higher level courses, especially AS/A Level.
- ▶ 8 point grade scale from A* to G.

ADVANCED SUBSIDIARY (AS)

- ▶ First half of a full A Level (second half = A2)
- ▶ Covers Year 12 or Year 13 core/ foundation of the subject.
- ▶ A worthwhile, stand-alone qualification for those who choose not to take the full A Level.
- ▶ A sound foundation for tertiary study.

A LEVEL

- ▶ AS (Year 12) + A2 (Year 13) = A Level
- ▶ Based on rigorous syllabuses.
- ▶ Challenging assessments to stretch the most able.
- ▶ Good preparation for Scholarship.

CIE GRADE BOUNDARIES

Grade	IGCSE Mark	AS/A Mark
A*	90 - 100	
A	80 - 90	80 - 100
B	70 - 79	70 - 79
C	60 - 69	60 - 69
D	50 - 59	50 - 59
E	40 - 49	40 - 49
F	30 - 39	
G	20 - 29	

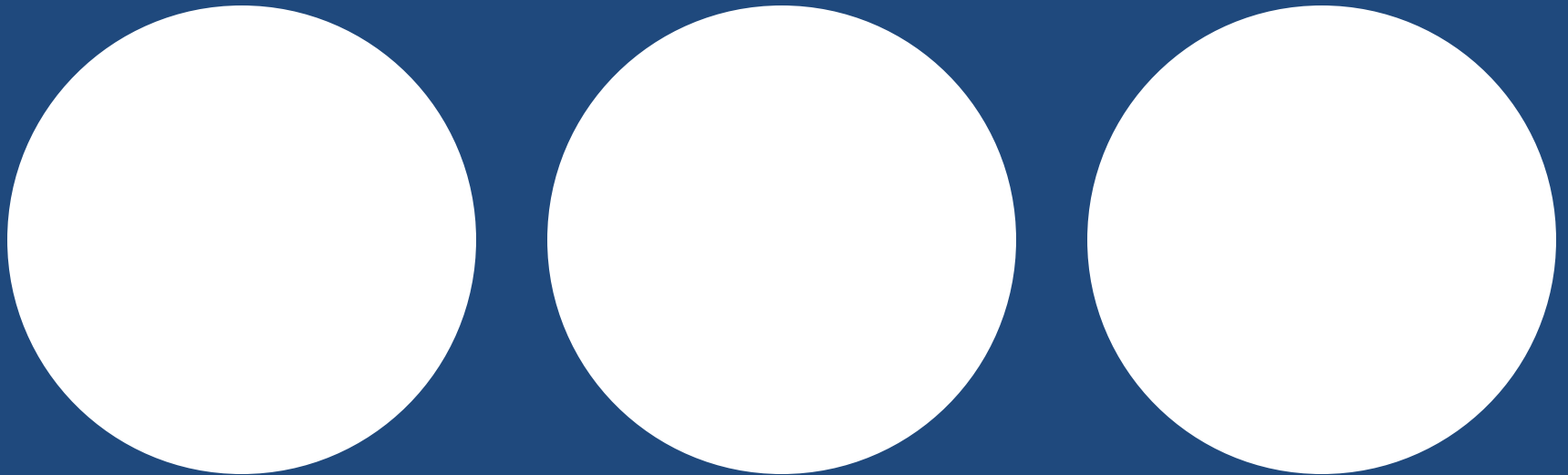
UCAS TARIFF & CIE QUALIFICATIONS

- ▶ Each grade, A - E, carries a number of points.
- ▶ Points can be aggregated.
- ▶ Universities can set a target number of points for selective entry courses.

UNIVERSITY RECOGNITION

- ▶ Universities around the world recognise the equivalence of international AS and A Levels with British entry qualifications or with their own national matriculation requirements.
- ▶ The New Zealand Vice-Chancellors' Committee recognises both A/AS Levels and the AICE Diploma as entrance level qualifications for admission *ad eundem statum* to New Zealand universities.

UNIVERSITY ENTRANCE VIA NCEA FROM 2004



- ▶ 14 credits in Mathematics at Level 1 or higher
- ▶ 4 credits at Level 2 or above in Reading
- ▶ 4 credits at Level 2 or above in Writing

UNIVERSITY ENTRANCE VIA CIE FROM 2004

Numeracy D grade in IGCSE Mathematics

Literacy E grade in AS English

General 120 points on UCAS tariff
3 D grades in AS and/or
A Level subjects

MIXING PATHWAYS

- ▶ At year 11 probably acceptable
- ▶ At year 12 / 13 urge caution
 - ▶ If studying NCEA - then no mixing
 - ▶ If studying CIE - then no more than one (often this is ESL)
- ▶ Must have general university entry entirely in either CIE or NCEA

SOME EXAMPLES OF USING THE UCAS TARIFF

- ▶ These illustrate the flexibility available.

CIE STUDENT A

Year 12

AS English E

A Mathematics B

AS Chemistry B

AS Physics C

Year 13

A Chemistry C

AS Business Studies D

AS Physics A

UE AS English E = 20

A Mathematics B = 100

A Chemistry C = 80

AS Physics A = 60

AS Business Studies D = 30

290 UCAS Tariff points

CIE STUDENT B

Year 12

AS English D

AS Geography E

AS History C

Year 13

AS Classical Studies D

AS Geography C

AS Business Studies Ungraded

NCEA Mathematics
Level 1 (14 credits)
credits)

NCEA Accounting
Level 2 (16

UE AS English D = 30

AS Geography C = 40

AS History C = 40

AS Classical Studies D = 30

140 UCAS Tariff

NCEA – STUDENT C

Year 11 NCEA (1)	Mathematics	14 credits
Year 12 NCEA (2)	English (ESOL	8 credits 8 credits)
Year 13 NCEA (3)		
Approved Subjects	Geography	15 credits
	History	20 credits
Non-Approved Subjects	Travel & Tourism	16 credits
	Business Studies	8 credits

NCEA - STUDENT D

Year 13	English	14 credits
	Mathematics	16 credits
	Physics	20 credits
	Chemistry	24 credits
	Biology	24 credits

COSTS

- ▶ NCEA is funded by the Government. Students still have to pay an entry fee of \$75 total for the setting and marking of examinations.
- ▶ CIE is fully funded by the school from parent donations to cover administration costs and salaries, textbooks, general equipment, IT resources, exam supervision, staff training, affiliation fees etc. The subject entry costs charged by CIE vary between courses and vary according to the exchange rate.
- ▶ Handout to pick up this evening for those who are interested in these charges.

Choose a full NCEA course.

You must choose: English or English Abridged or ESOL (11ENG, 11ENB or 11ESL)
 Mathematics or Mathematics Abridged (11MAT or 11MAP)
 Year 11 Physical Education (11PED)
 and 3 other subjects

*Form to be completed in pen. No twinned
 or altered forms will be accepted.*

Choose your course by circling ONE subject in each column and write your subjects in the boxes below.

Subject	1	2	3	4	5	6
LEVEL 1 ACCOUNTING		11ACT				
LEVEL 1 ART VISUAL	11ARV	11ARV				
LEVEL 1 DANCE +				11DAN+		
LEVEL 1 DRAMA	11DRA					
LEVEL 1 ECONOMICS	11ECO		11ECO			
LEVEL 1 ENGLISH	11ENG	11ENG	11ENG	11ENG	11ENG	11ENG
LEVEL 1 ENGLISH ABRIDGED			11ENB			
LEVEL 1 ESOL		11ESL	11ESL	11ESL	11ESL	
LEVEL 1 FASHION AND DESIGN				11FAD		
LEVEL 1 GEOGRAPHY			11GEO			11GEO
LEVEL 1 GRAPHICS	11GRD					
LEVEL 1 HISTORY				11HIS		11HIS
LEVEL 1 HOSPITALITY					11HPY	
LEVEL 1 INFORMATION AND TEXT MANAGEMENT	11IMA				11IMA	
LEVEL 1 INFORMATION MANAGEMENT (BEGINNERS)		11ICB				
LEVEL 1 JAPANESE (BEGINNERS)				11JPB		
LEVEL 1 MATHEMATICS	11MAT	11MAT	11MAT		11MAT	11MAT
LEVEL 1 MATHEMATICS ABRIDGED		11MAP				11MAP
LEVEL 1 MUSIC		11MUS				
YEAR 11 PHYSICAL EDUCATION	11PED	11PED	11PED	11PED	11PED	11PED
LEVEL 1 PHYSICAL EDUCATION (NCEA)					11PEA	
LEVEL 1 SCIENCE	11SCI		11SCI		11SCI	11SCI
LEVEL 1 TECHNOLOGY FOOD						11TAD
LEVEL 1 TECHNOLOGY MECHANICAL ENGINEERING				11TEM		
LEVEL 1 TECHNOLOGY WOOD				11TWW		
My subjects are (use codes)						

Are you returning to Macleans College next year?

Definitely YES = Y
Definitely NO = N
Probably YES = PY
Probably NO = PN

NCEA

www.nzqa.govt.nz

CIE

www.cie.org.uk

www.acsnz.org.nz

www.macleans.school.nz