

NCEA Information Evening



The National Qualification Framework (NQF) has 10 levels

Levels 1-3 are of approximately the same standard as senior secondary education and basic trades training

Levels 4-6 approximate to advanced trades, technical and business qualifications

Level 7 and above approximate to advanced qualifications of graduate and postgraduate standard

Assessment

- Standards based.
- Learning first.
- Students work through examples and tasks in class.
- Generally can't 'teach' Excellence, but we can help students develop strategies.
- Students don't have to get everything right to be awarded any particular grade.

91028

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NZQA
NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA
QUALIFY FOR THE FUTURE WORLD
KĪA NOHO TAKATŪ KI TŌ ĀMUA AO!

1
SUPERVISOR'S USE ONLY

Level 1 Mathematics and Statistics, 2018
91028 Investigate relationships between tables, equations and graphs

9.30 a.m. Tuesday 20 November 2018
Credits: Four

| Achievement | Achievement with Merit | Achievement with Excellence |
|---|--|---|
| Investigate relationships between tables, equations and graphs. | Investigate relationships between tables, equations and graphs, using relational thinking. | Investigate relationships between tables, equations and graphs, using extended abstract thinking. |

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should attempt **ALL** the questions in this booklet.

Show **ALL** working.

Grids are provided on some pages. This is working space for the drawing of a graph or a diagram, constructing a table, writing an equation, or writing your answer.

If you need more space for any answer, use the page(s) provided at the back of this booklet and clearly number the question.

Check that this booklet has pages 2–12 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL

ASSESSOR'S USE ONLY

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Assessment

Collecting and evaluating evidence to establish the level of a student's performance against the achievement standards

Internal (during the year)

External (November examinations or portfolio)

External (during the year)

Level 1 Certificate

Students need 80 credits from Level 1 or higher

These credits must include 10 in literacy and 10 in numeracy

Year 11 students are studying 7 subjects, each subject offers approx. 20 credits, approximately 140 credits total

It is possible to go on and study some subjects at Level 2 while completing a Level 1 certificate

Level 2 Certificate

Students need 80 credits

20 of these can come from Level 1

60 must be from Level 2 or higher

Most Year 12 students therefore need to gain 60 out of approximately 120 credits

It is possible to go on and study some subjects at Level 3 while completing a Level 2 certificate

Level 3 Certificate

Students need 80 credits

20 of these can come from Level 2

60 must be from Level 3 or higher

Most Year 13 students therefore need to gain 60 out of approximately 100-120 credits

Level 1 (Year 11) Course Example

| Subject | Achievement Standards | Credits | Internal | External |
|-------------------|------------------------------|----------------|-----------------|-----------------|
| English | 7 | 24 | 12 | 12 |
| Mathematics | 5 | 19 | 7 | 12 |
| Science (BioChem) | 5 | 19 | 12 | 7 |
| History | 5 | 20 | 12 | 8 |
| Art | 3 | 22 | 10 | 12 |
| Spanish | 4 | 19 | 9 | 10 |
| PE and Health | 4 | 17 | 17 | 0 |
| Total | | 140 | 79 | 61 |

Certificate Endorsements

NCEA with Merit Endorsement: 50 credits at Merit level accumulated across all subjects

NCEA with Excellence Endorsement: 50 credits at Excellence level accumulated across all subjects

Qualification and Achievement Summary

New Zealand Qualifications Framework Registered Qualifications

National Certificate of Educational Achievement (Level 1) achieved with excellence

Course Endorsements

Chemistry and Biology-Year 11

Endorsed with merit at level 1

History-Year 11

Endorsed with excellence at level 1

Mathematics-Year 11

Endorsed with merit at level 1

English-Year 11

Endorsed with excellence at level 1


Visual Art-Year 11

Endorsed with excellence at level 1


Physical Education-Year 11

Endorsed with excellence at level 1

Certificate
Endorsement



Subject or course
Endorsement



Course Endorsements

In a course (subject)

Merit endorsement: 14 credits at Merit or Excellence

Excellence endorsement: 14 credits at Excellence level

At least 3 of the 14 credits must be from internally assessed standards and 3 from externally assessed standards

University Entrance

NCEA Level 3

14 credits in three approved subjects Level 3

Literacy requirements of 10 credits at Level 2
(5 reading and 5 writing)

Numeracy requirements of 10 credits at Level 1

More Information

NCEA

www.nzqa.govt.nz/ncea

Careers

www.careers.govt.nz

Study Skills

www.studyit.org.nz

App Store

[NCEA Guide](#)

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