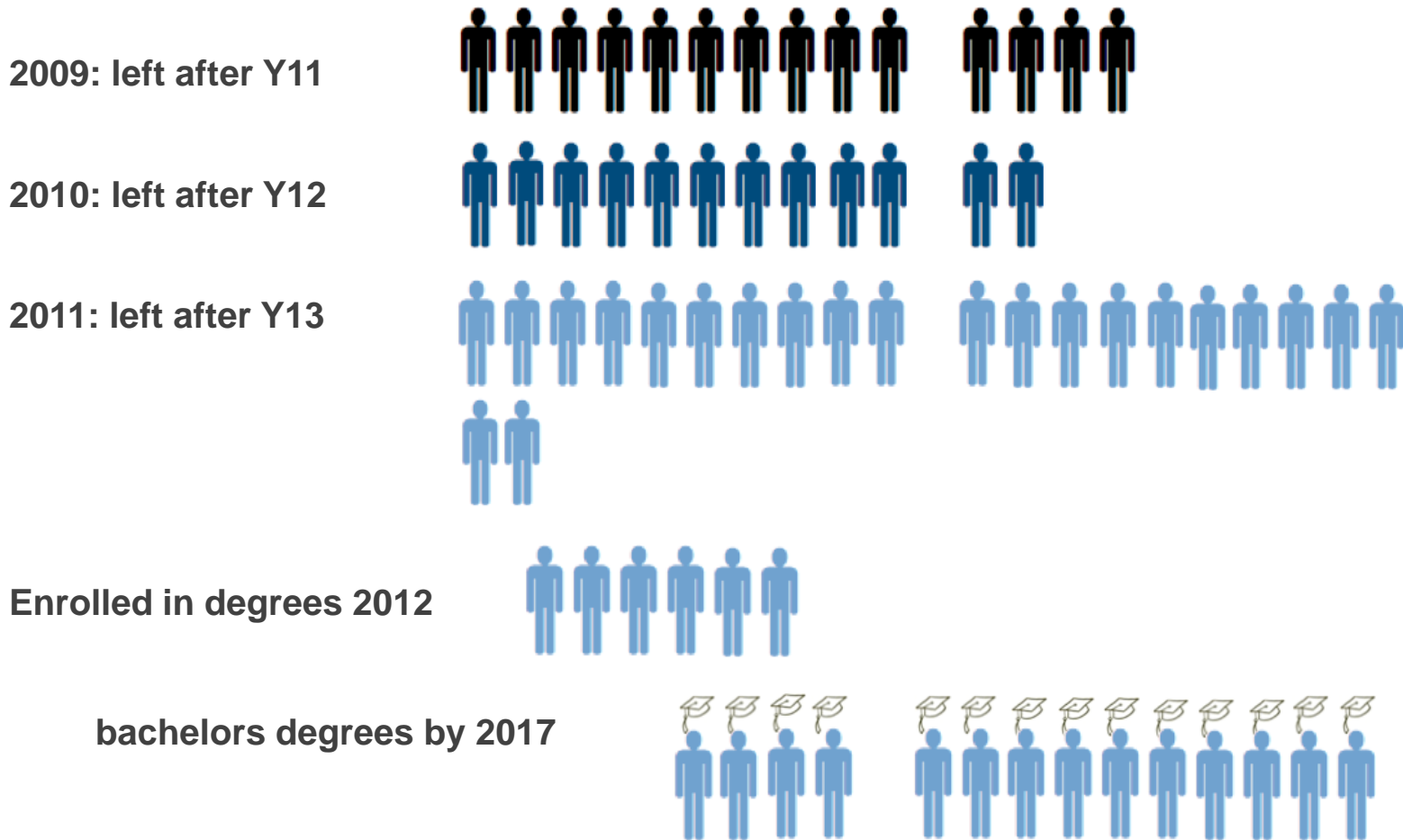




Lets talk about school leavers

Year 9 of 2007... where are they now?



Lets talk about students

“Why are we learning this?”



Lets talk about schools

	2Mon	2Tue	2Wed	2Thu	2Fri
1	7OA/It DCM IT2 Info Techn	7cd/Sc3 MCD S12 Science	7cd/En1 HL E6 English	7OM/Te AJH T3 Technology	7OA/Ge MJK G3 Geography
2	7O/Ci2 IRK M3 Citizenship	7OM/Pe MEC SP2 Physical E	7cd/En1 HL E6 English	7OA/Dr CH C7 Drama	7cd/En1 HL E6 English
3	7OA/Dr CH C7 Drama	7cd/Ma4 JCW M1 Maths	7cd/Ma4 JCW M1 Maths	7OA/Fr YB L6 French	7cd/Sc3 FK S9 Science
4	7cd/Ma4 JCW M1 Maths	7OA/Mu RH C4 Music	7cd/Sc3 FK S9 Science	7OA/Hi AB H3 History	7O/Ga2 KM PH2 Games
5	7OM/Te LB T3 Technology	7OA/Ad RB C5 Art And De	7OA/Fr YB L6 French	7OA/Hi AB H3 History	7O/Ga2 KM PH2 Games
6					



“Pick six subjects.”

Lets talk about employers

“I know you’ve got NCEA, now tell me about your skills.”



Lets talk about the NCEA

**The best thing about NCEA is it's flexibility.
The worst thing about NCEA is its flexibility.**



“Employers, education providers, and youth all live in parallel universes... they have fundamentally different understandings of the same situation.”

- Education to employment: Designing A System That Works
McKinsey 2012

“credits”



“subjects”



“skills”

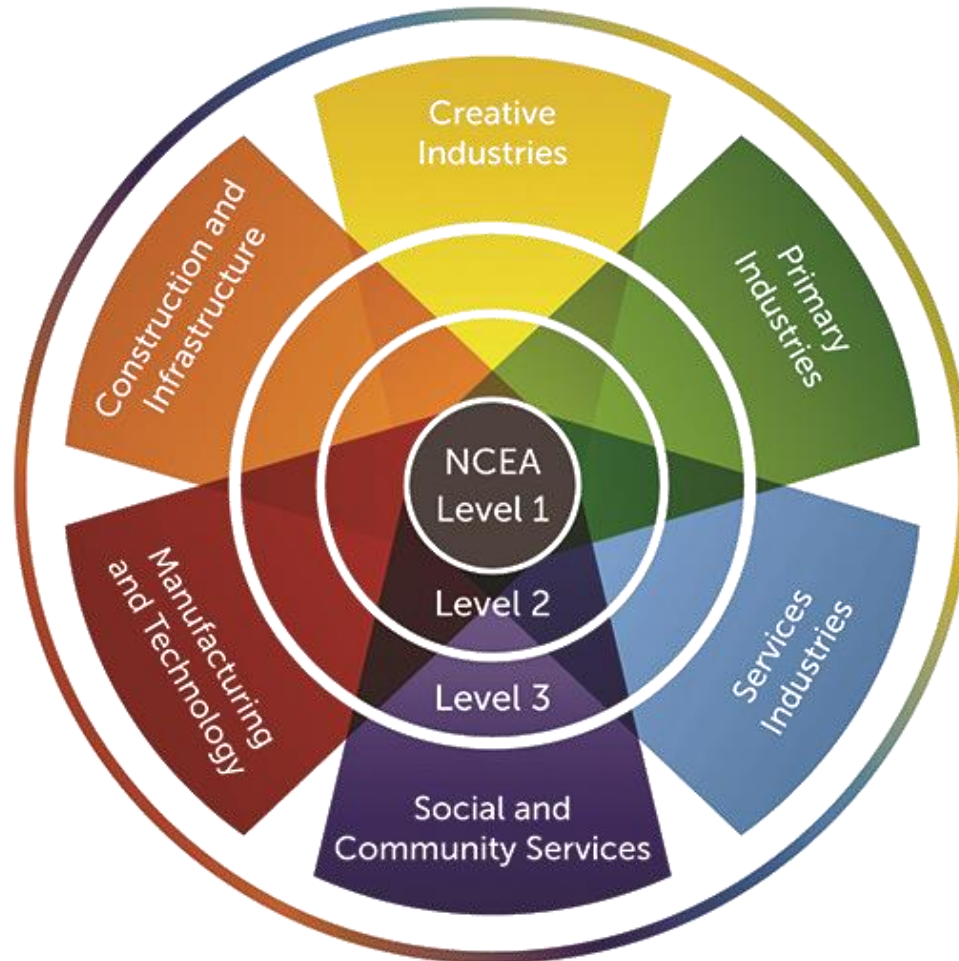


Pathways



Vocational Pathways

We colour-coded the credits and we linked them to jobs.



relevance for learners, **coherence** for educators, **clarity** for employers.

National Qualifications Framework
ANNUAL RESULT NOTICE

NZQA
NEW ZEALAND QUALIFICATIONS AUTHORITY
PUNA TOHU | HIRANGA | HAKAMA

Andrew Steven Leamer
Address 1
Address 2
Address 3
Address 4 Post Code

NSN: 101101004
Academic Year: 2007
Issued: January 2008

Qualification and Achievement Summary for 2007

Qualification Achieved
National Certificate of Educational Achievement - Level 1 achieved with merit 010005
National Certificate of Educational Achievement - Level 2 010006
New Zealand University Entrance 010008

Standards Achieved in 2007

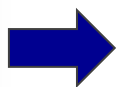
Where the result achieved is the best possible result for that standard the result will be shown in bold type.

	A - Achieved with Merit	N - Not Achieved	Ext - Externally Assessed	Int - Internally Assessed
BIOLOGY				
Level 3	Credits			
9501 Describe gene expression (int)	4	A		
9502 Describe gene-gene and gene-environment interaction (int)	3	A		
90713 Carry out an investigation into an aspect of the ecological niche of an organism with guidance (int)	5	M		
90714 Research a contemporary biological issue (int)	3	A		
90715 Describe animal behaviour and plant responses (ext)		N		
90717 Describe patterns of evolution (ext)	2	E		
90718 Describe applications of biotechnological techniques (int)	3	A		
90719 Describe trends in human biological and cultural evolution (ext)	3	M		
Total credits achieved in 2006 in Biology at Level 3: 23				
CHEMISTRY				
Level 3	Credits			
9344 Investigate the characteristic properties and reactions of organic substances (int)	5	A		
9345 Analyse spontaneous oxidation-reduction reactions (int)	4	A		
9346 Calculate the enthalpy change associated with chemical reactions (int)	2	A		
9348 Characterise the composition of acid and base solutions (int)	4	A		
9350 Predict the formation of precipitates of sparingly soluble substances (int)	2	A		
90695 Determine the composition of an oxidant or reductant by titration (int)	2	E		
90696 Describe oxidation-reduction processes (ext)	3	M		
90697 Describe selected atomic, molecular and ionic properties (ext)		N		
90698 Describe the structure and reactions of organic compounds containing selected organic (ext)	4	M		
90699 Describe and use thermochemical principles (ext)	3	A		
90700 Describe aqueous systems using equilibrium principles (ext)	5	A		
Total credits achieved in 2006 in Chemistry at Level 3: 34				
Level 2	Credits			
8947 Characterise oxidation-reduction reactions (int)	3	A		
90306 Describe the structural formulae and reactions of compounds containing selected organic functional groups (ext)	4	M		
Total credits achieved in 2006 in Chemistry at Level 2: 7				
CORE HEALTH				
Level 2	Credits			
6401 Provide first aid (int)	1	A		
Total credits achieved in 2006 in Core Health at Level 2: 1				
Level 1	Credits			
6402 Provide resuscitation level 2 (int)	1	A		
Total credits achieved in 2006 in Core Health at Level 1: 1				

Issued: January 2008

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New Zealand Qualifications Authority PO Box 100, Wellington 6141, New Zealand 04 463 3010, www.nzqa.govt.nz



Overview

[More about Vocational Pathways](#)

To get Vocational Pathways awarded, you also need to achieve:



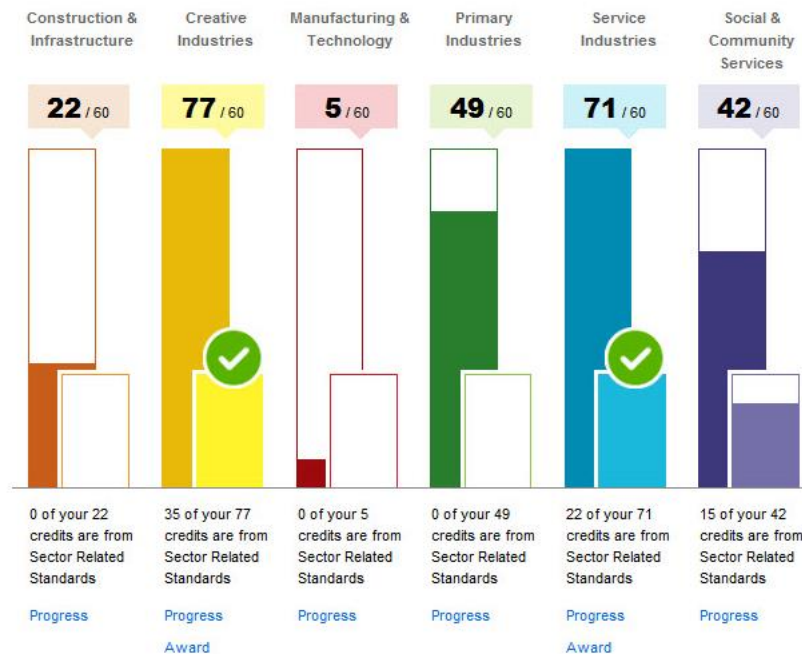
NCEA Literacy



NCEA Numeracy



NCEA Level 2



Relevance...

Why are we learning...



Mathematics and Statistics

91030 Apply measurement in solving problems

Graphic Designers use measurement to.....

Environmental Scientists measure the

Chefs need to accurately measure quantities...

Nurses measure a range of vital statistics, such as...

Fabricators need to measure precise lengths, volumes, and...

Builders rely heavily on accurate measurement of lengths, areas when they ...

It comes down to:

1. Students having a sense of purpose for learning.
2. Someone caring about that learning.



To make 'pathways' a reality, we need all involved.

Education is not just about employment...



Education is not just about getting jobs! We teach kids to read and write; think; solve problems; sort and evaluate information; communicate; manage their time; work with others; participate; and become good citizens. We'll do the rest.



...but employment is always about education.

Promoting the sector



**GOT A
TRADE?
GOT IT
MADE!**

Courtney, 22
Electrical Apprentice

See how I got it made at www.gotatrade.co.nz