

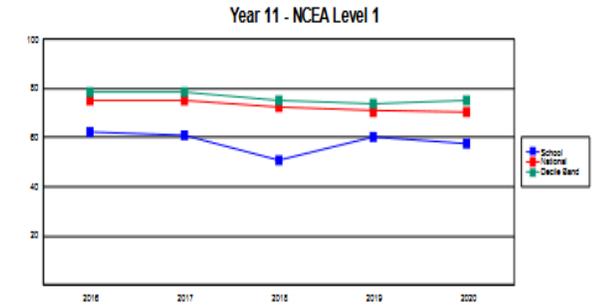
# Achievement data: Report to BOT

4 May 2021



# Level 1 certificates (80 L1 credits)

Hagley students - total	Hagley Māori students	National	Decile band	Canterbury
57.2%	50% <i>(equity ratio : .87)</i>	70.2%	74.9%	76.8%



## Year 9 cohort 2018

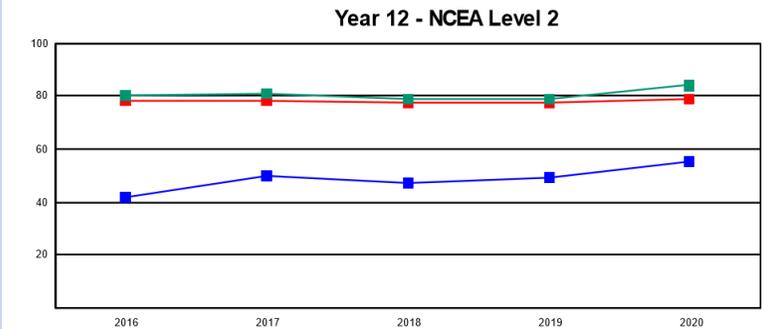
72/102 – 70% achievement of L1 certificate

Māori students – 15 / 26 (4 others have left) – 57.7%

6/8 students identified as truant/ Rock On/reduced programme/Alt Ed are Māori

# Level 2 certificates (60 L2 + 20 L1)

	Unadjusted	Adjusted	National	Decile band	Canterbury
<b>All students</b>	55.1% (97/176)  (2019 -48.9% 2018 -46.9%)	69.2%  (2019 -58.1%)	76.1%	82.9%	83.2%
<b>Māori students</b>	48.4% (15/31)	62.5% (Equity ratio: .9)			
<b>Pasifika</b>	100% 2/2)				

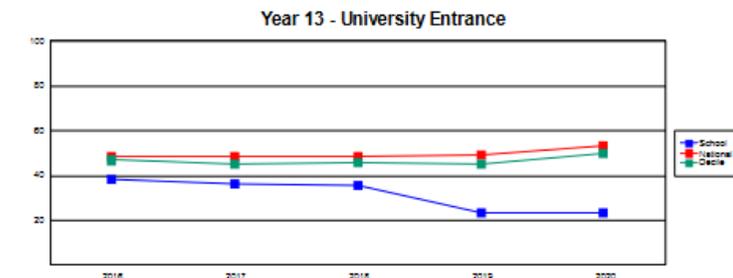


## Year 9 cohort 2017

- 59/92 -64% achievement of L2 certificate;
- Māori students – 10/14 – 71.4% (original cohort 18)

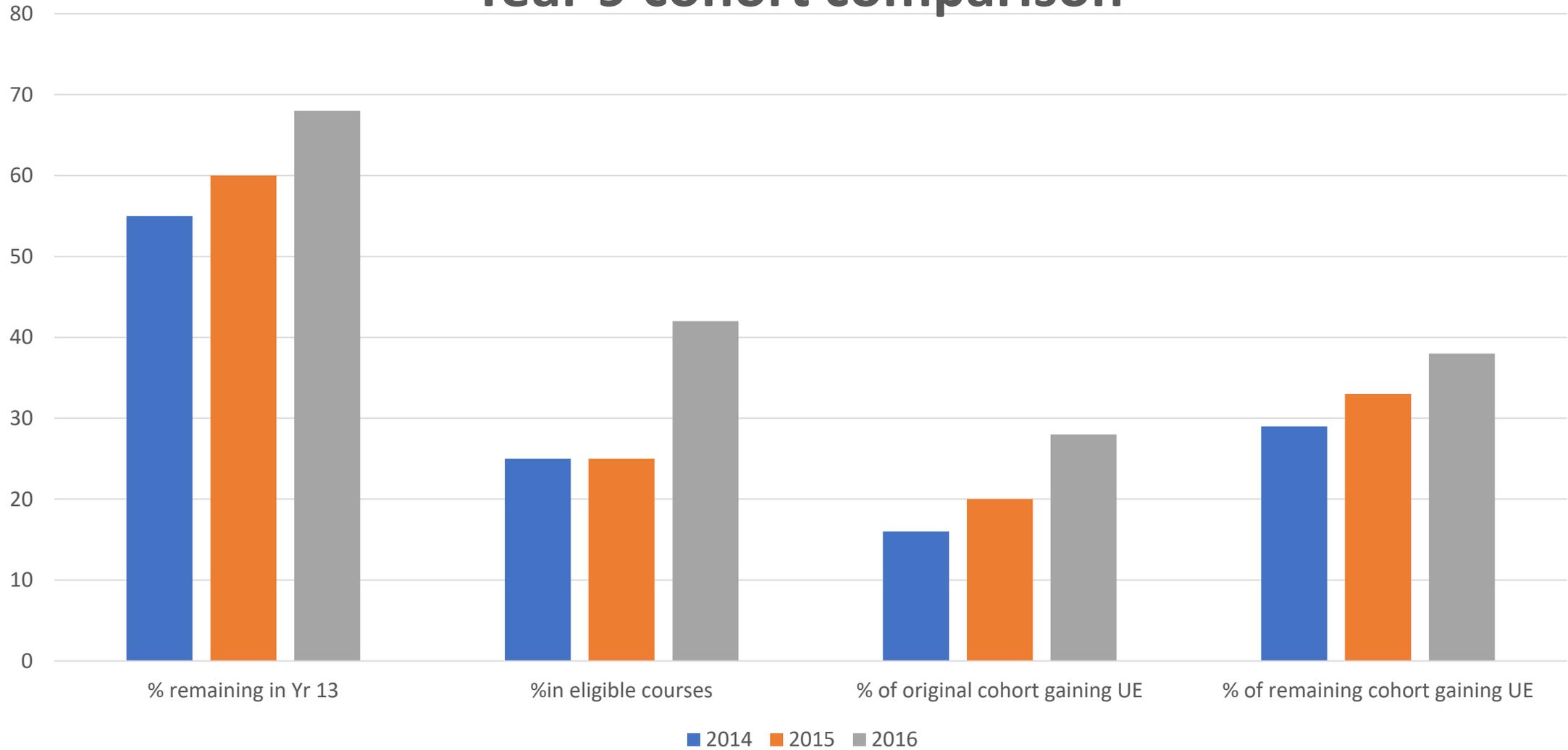
# UE achievement

	Unadjusted	Adjusted	National	Decile band	Canterbury
<b>All students</b>	23.3% (n= 340)	40% (77/193 actual )  (11 gained in CU)	53.4%	49.7%	56.2%
<b>Māori students</b>		47.6% (10/21) (Equity ratio: 1.19)	33.5%	34.5%	41.2%
<b>Pasifika</b>		20% (3/15)	33.5%	33.6%	28.6%



2014 cohort – UE 2018	2015 cohort – UE 2019	2016 cohort – UE 2020
100 students	101 students	97 students
55 still at Hagley in Yr 13	60 still at Hagley in Yr 13	66 still at Hagley in Year13
<p>16 gained UE – 16% (Yr 9 original cohort)</p> <p>29% (Yr 13 remaining cohort)</p>	<p>20 gained UE – 20% (Year 9 original cohort)</p> <p>33% (Yr 13 remaining cohort)</p>	<p>27 gained UE- 28% (Year 9 original cohort)</p> <p>38 % (Yr 13 remaining cohort)</p>
25 actual students from Yr9 cohort eligible to enter for UE	25 actual students from Yr9 cohort eligible to enter for UE	41 actual students from Year 9 cohort eligible to enter for UE

# Year 9 cohort comparison



A different take  
on the data:  
2016 Year 9  
cohort

<b>Qualification</b>	<b>Number in cohort</b>	<b>Qualification achieved</b>
Year 11 2018	82	50
Year 12 2019	76	48
UE 2020	66	27

**Year 13 Equity in STEM Level 3 Subject Achievement for Hagley Community College**

STEM: Science, Technology, Engineering, and Mathematics

Generated 15-Apr-2

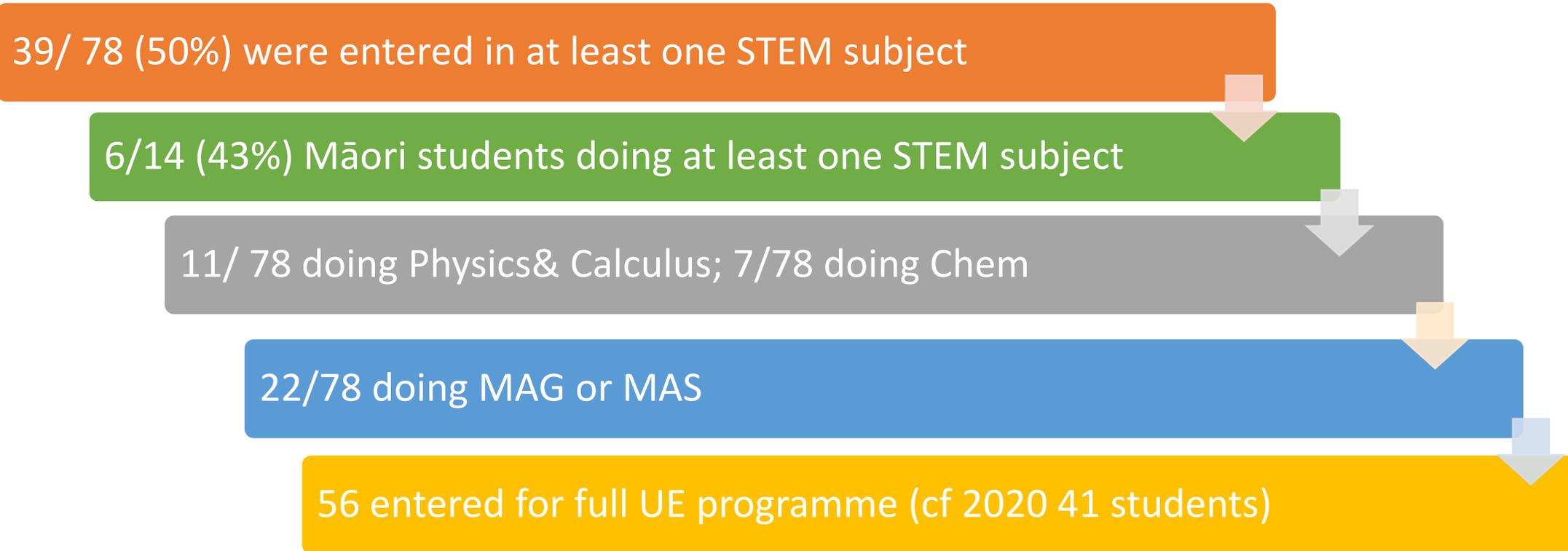
Year 13 Students		Māori Students			Pacific Students			Other Students		
		Total #	Successful #	Successful %	Total #	Successful #	Successful %	Total #	Successful #	Successful %
Achieved <b>One or More</b> STEM Subjects	2016	43	7	16.3%	13	2	15.4%	512	149	29.1%
	2017	53	7	13.2%	9	3	33.3%	502	143	28.5%
	2018	56	7	12.5%	11	0	0.0%	504	145	28.8%
	2019	50	8	16.0%	13	2	15.4%	387	84	21.7%
	2020	58	9	15.5%	15	3	20.0%	387	80	20.7%
Achieved <b>Two or More</b> STEM Subjects	2016	43	2	4.7%	13	0	0.0%	512	67	13.1%
	2017	53	2	3.8%	9	0	0.0%	502	53	10.6%
	2018	56	1	1.8%	11	0	0.0%	504	64	12.7%
	2019	50	2	4.0%	13	2	15.4%	387	35	9.0%
	2020	58	3	5.2%	15	2	13.3%	387	30	7.8%
Achieved <b>Three or More</b> STEM Subjects	2016	43	0	0.0%	13	0	0.0%	512	20	3.9%
	2017	53	0	0.0%	9	0	0.0%	502	21	4.2%
	2018	56	1	1.8%	11	0	0.0%	504	23	4.6%
	2019	50	0	0.0%	13	1	7.7%	387	9	2.3%
	2020	58	0	0.0%	15	1	6.7%	387	13	3.4%

*Equity ratio:*  
**.75**

ie achieved 14+ credits in at least one STEM subject – includes all Sciences, Maths, Digital technology, Generic technology ( IPP), Materials technology

# From Year 9 2017 cohort.. In Year 13 this year

39/ 78 (50%) were entered in at least one STEM subject



6/14 (43%) Māori students doing at least one STEM subject

11/ 78 doing Physics& Calculus; 7/78 doing Chem

22/78 doing MAG or MAS

56 entered for full UE programme (cf 2020 41 students)

- How many students left each year at the completion of their first Year 11 year – how many with a Level 1 cert and how many without- I imagine most if not all will be without)
- How many students completed their Level 1 cert in their Year 12 year but didn't achieve a Level 2 cert in that year.

# How does this information inform our work?

Tracking	achievement of our Year 9 cohort to ensure strong outcomes for those who start with us in Year 9- <i>definite upswing</i>
Tracking	achievement of groups achieving lower than might be expected eg Level 2- <i>improved achievement @ L2</i>
Tracking	the achievement gap – <i>some successes eg UE</i>
Tracking	progress with STEM – <i>more work needed</i>

# Subject review report

Indicators 1 and 2  
largely about  
compliance

Indicators 3 and 4  
about school  
improvement

# Subject leaders reports

asked to identify priority target area worked on in 2020 and review outcomes

2020

asked to identify priority target area for 2021 and interventions and measurement tools they may use to achieve improved outcomes

2021

## Priority targets linked to strategic goals

Improved Māori achievement

Improved achievement in STEM subjects

Increase in Level 3 and/ or UE attainment

Increase in attainment of first year Year 11 students (to enable higher achievement of Level 1 certificates overall)

Improved achievement at Level 2

Multilingual students joining Hagley in Years 12 and 13 enrolled in academic programmes