

TARAWERA HIGH SCHOOL

**ANALYSIS OF VARIANCE 2023
WHAT'S NEW IN 2024**

STRATEGIC GOAL

**EXPAND INTEGRATED CURRICULUM THROUGH A TE
AO MĀORI LENS, FOCUSING ON LITERACY AND
NUMERACY FOR ALL**

The data analysis shows progress from overall teacher judgement data made from the end of year 2021 to the end of year 2022. Year 7 data shows from the middle of year 2022 to end of year 2022. The data demonstrates progress made (1 sub level or more).

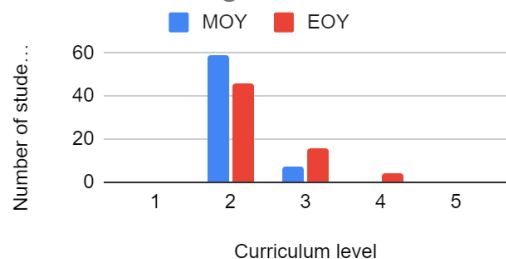
Reading/Writing/Math End of Year	Well Below	Below	At	Above
Year 7	3B or less	3P-3A	4B	4P+
Year 8	3P or less	3A-4B	4P-4A	5B+
Year 9	4B or less	4P-4A	5B	5P+
Year 10	4P or less	4A-5B	5P-5A	6+

Overall Teacher Judgements

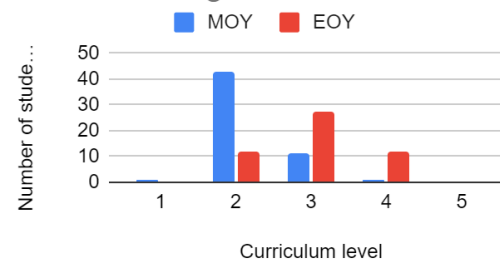
MIDDLE & END OF YEAR COMPARISON - YEAR 7

READING / WRITING AND MATHS GRAPHS

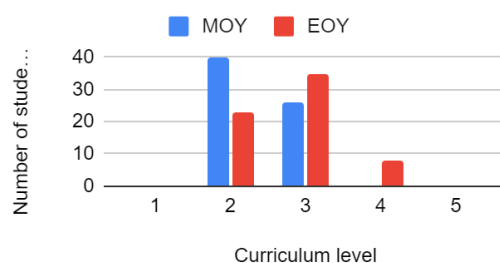
Year 7 Reading MOY - EOY



Year 7 Writing MOY - EOY



Year 7 Math MOY - EOY



PROGRESS - 1 OR MORE SUBLEVELS IN OTJ'S

2023 - YEAR 7 STUDENTS

	% of cohort showing progress	% of boys showing progress	% of Girls showing progress	% of students Maori that showed progress
Reading	80%	85%	78%	79%
Writing	94%	92%	95%	94%
Math	74%	65%	80%	75%

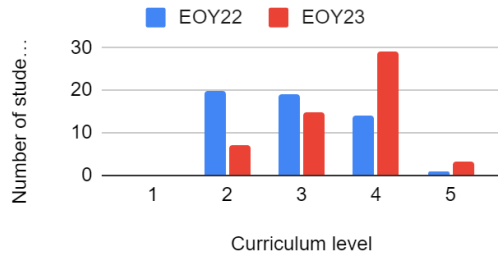
EOY OTJ	Well Below	Below	At	Above
Reading	70%	24%	5%	1%
Writing	41%	41%	47%	1%
Maths	67%	21%	12%	0%

PROGRESS FOR THOSE IDENTIFIED AT THE START OF YEAR OF BEING AT RISK - YEAR 7

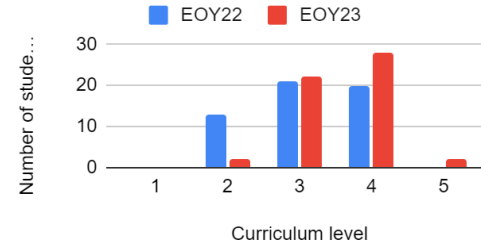
	% of at risk showing progress	% of Boys showing progress	% of Girls showing progress	% of students Maori that showed progress
Reading	92%	100%	86%	91%
Writing	93%	94%	92%	91%
Math	72%	55%	83%	74%

END OF YEAR 2022 & END OF YEAR 2023 COMPARISON - YEAR 8 READING / WRITING AND MATHS GRAPHS

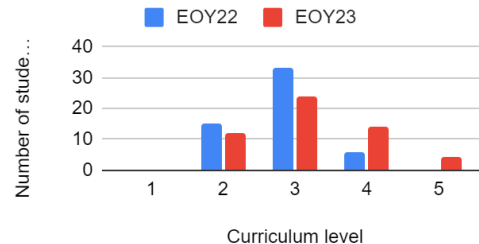
Year 8 Reading EOY22 - EOY23



Year 8 Writing EOY22 - EOY23



Year 8 Math EOY22 - EOY23



PROGRESS - 1 OR MORE SUBLEVELS IN OTJ'S 2023 - YEAR 8 STUDENTS

	% of cohort showing progress	% of boys showing progress	% of Girls showing progress	% of Maori students that showed progress
Reading	81%	77%	86%	83%
Writing	78%	85%	71%	76%
Math	80%	85%	75%	76%

EOY OTJ	WELL BELOW	BELOW	AT	ABOVE
READING	37%	22%	35%	6%
WRITING	35%	19%	43%	3%
MATHS	43%	33%	17%	7%

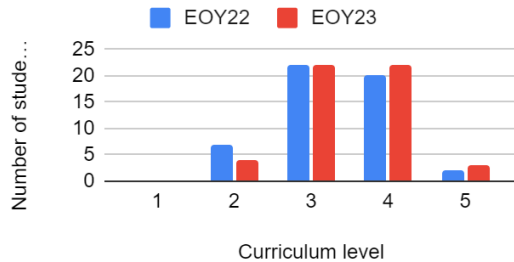
PROGRESS FOR THOSE IDENTIFIED AT THE START OF YEAR OF BEING AT RISK - YEAR 8

	% of at risk showing progress	% of boys showing progress	% of Girls showing progress	% of students that were Maori that showed progress
Reading	84%	83%	86%	82%
Writing	52%	42%	67%	55%
Math	58%	67%	44%	55%

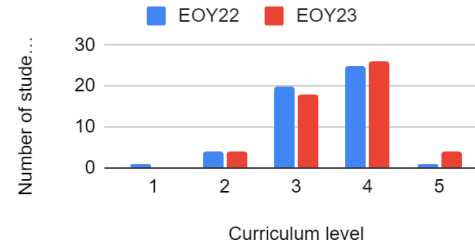
END OF YEAR 2022 & END OF YEAR 2023 COMPARISON-YEAR 9

READING / WRITING AND MATHS GRAPHS

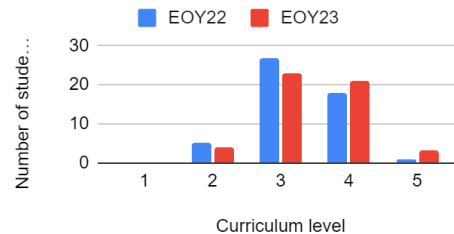
Year 9 Reading EOY22 - EOY23



Year 9 Writing EOY22 - EOY23



Year 9 Math EOY22 - EOY23



PROGRESS - 1 OR MORE SUBLEVELS IN OTJ'S 2023 - YEAR 9 STUDENTS

	% of cohort showing progress	% of boys showing progress	% of Girls showing progress	% of Maori students that showed progress
Reading	35%	36%	35%	35%
Writing	27%	36%	17%	29%
Math	41%	46%	35%	40%

EOY OTJ	WELL BELOW	BELOW	AT	ABOVE
READING	33%	37%	25%	4%
WRITING	27%	43%	27%	0%
MATHS	63%	31%	2%	4%

PROGRESS FOR THOSE IDENTIFIED AT THE START OF YEAR OF BEING AT RISK - YEAR 9

	% of at risk showing progress	% of boys showing progress	% of Girls showing progress	% of students that were Maori that showed progress
Reading	21%	9%	38%	12%
Writing	14%	8%	20%	23%
Math	36%	50%	33%	35%

YEAR 9 TJAC DATA TOTAL COHORT

0-40	40-69	70-99	100-119
6	16	29	11

Achieved (Total Amount)	Merit (Total Amount)	Excellence (Total Amount)
2942	1222	533

NA	BRONZE	SILVER	GOLD
30	23	10	1

YEAR 10 TJA C D A TA

TOTAL COHORT = 55

0-40	40-69	70-99	100-110
	21	30	4

Achieved (Total Amount)	Merit (Total Amount)	Excellence (Total Amount)
2594 credits 60%	1241 credits 30%	453 credits 10%

NA	BRONZE	SILVER	GOLD
19	26	10	0

YEAR 10

	LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5	
	BoY	EOY	BoY	EOY	BoY	EOY	BoY	EOY
LITERACY	11%	7%	31%	26%	35%	41%	11%	17%
NUMERACY	16%	11%	40%	32%	34%	42%	10%	15%

ACADEMIC ACHIEVEMENT 2014-2023 - ENROLMENT BASED

ACADEMIC	YEAR 11	YEAR 12	YEAR 13	YEAR 13
YEAR	NCEA L1	NCEA L2	NCEA L3	UE
2014	58.7	66.0	59.5	24.3
2015	60.9	60.0	49.0	6.1
2016	66.2	72.0	56.0	20.0
2017	57.6	72.5	32.6	9.3
2018	60.5	64.6	63.9	22.2
2019	71.4	65.6	75.6	19.5
2020	85.2	83.9	71.1	26.3
2021	74.5 (67.2)	73.4 (76.5)	81.5 (69.8)	75 (14)
2022	73% (29.8)	93% (75)	86% (77.4)	33% (3.2)
2023	93% (79.4%)	88% (70.6%)	100% (75%)	50% (10.0%)

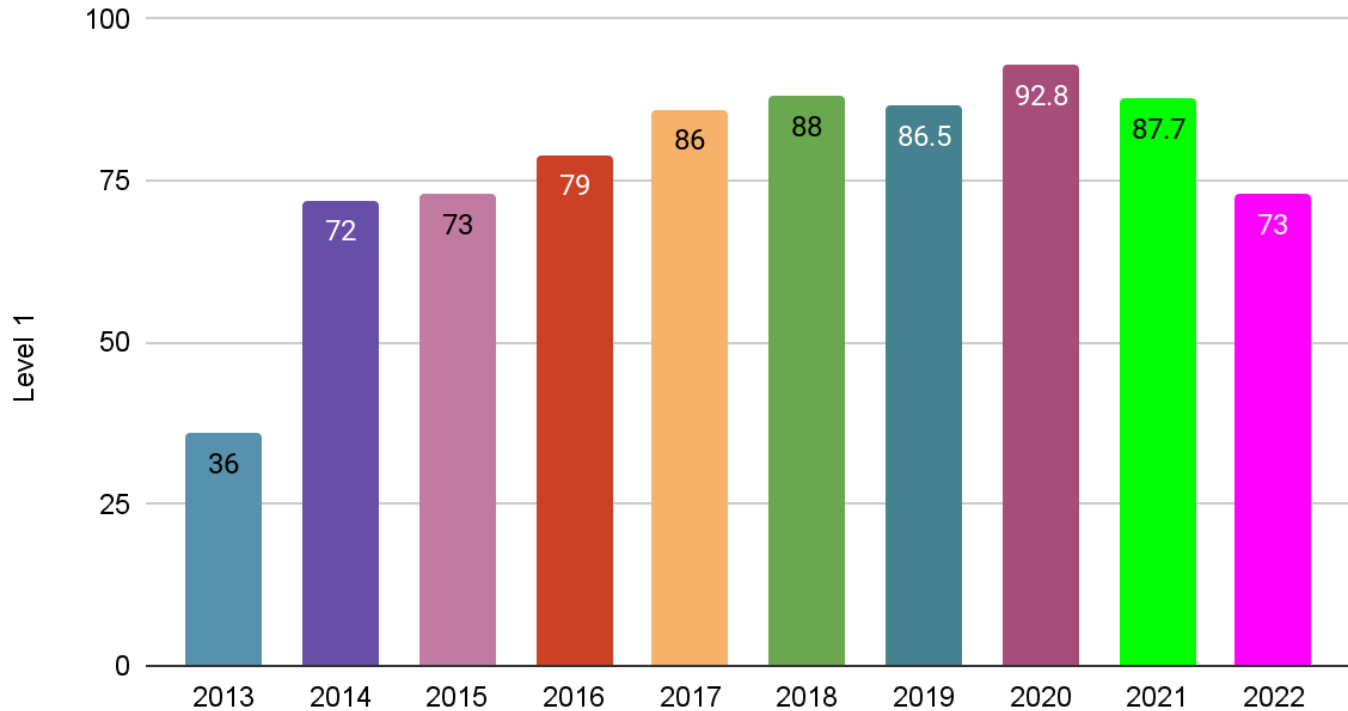
ACADEMIC ACHIEVEMENT 2014-2023 - ROLL-BASED

ACADEMIC	YEAR 11	YEAR 12	YEAR 13	YEAR 13
YEAR	NCEA L1	NCEA L2	NCEA L3	UE
2023	82%	81%	63%	14%

This data includes the students who have left throughout the year but will still count on our statistical data.

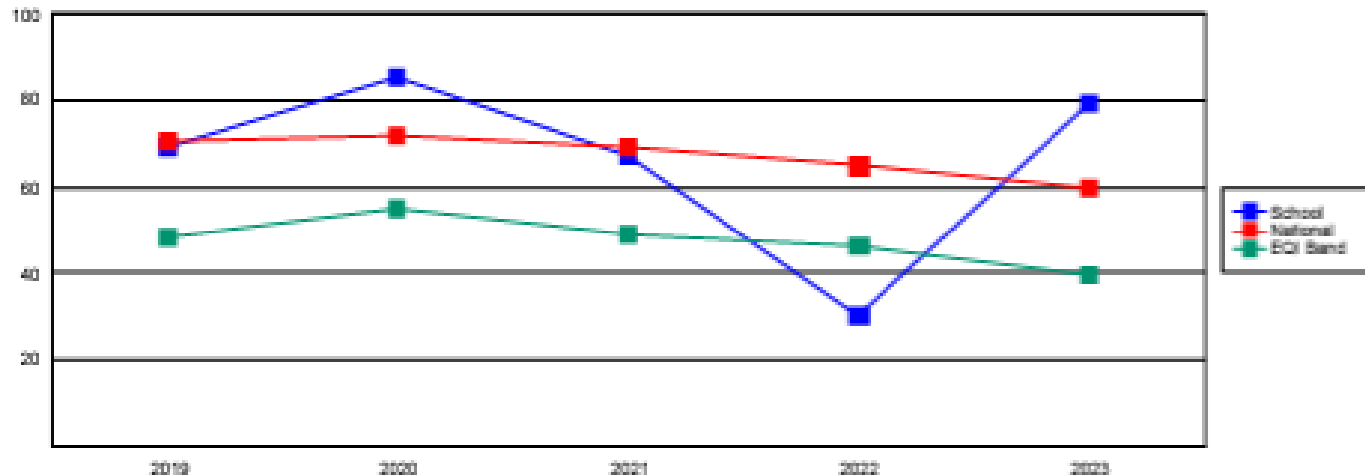
YEAR 11- NCEA LEVEL 1- PARTICIPATION

Level 1



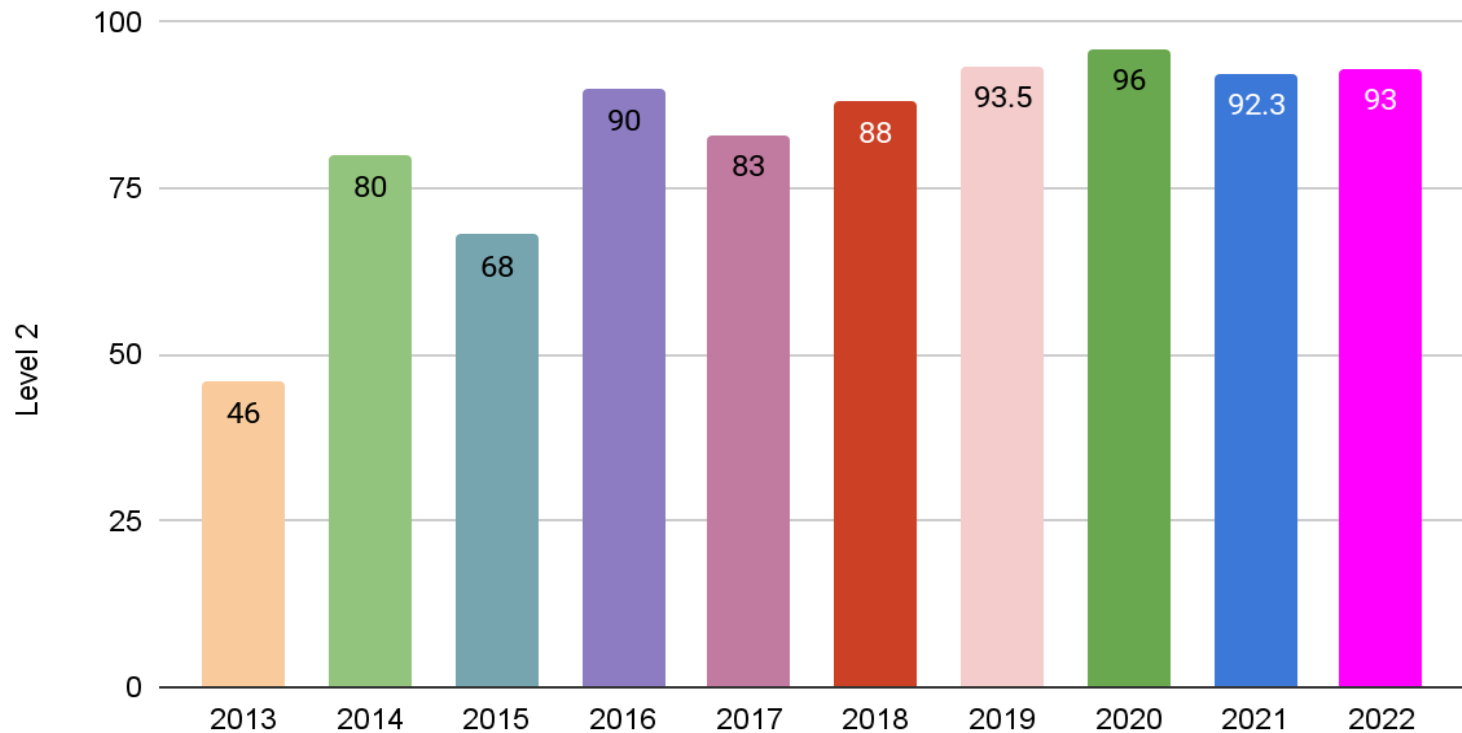
YEAR 11 - ENROLMENT BASED

Year 11 - NCEA Level 1



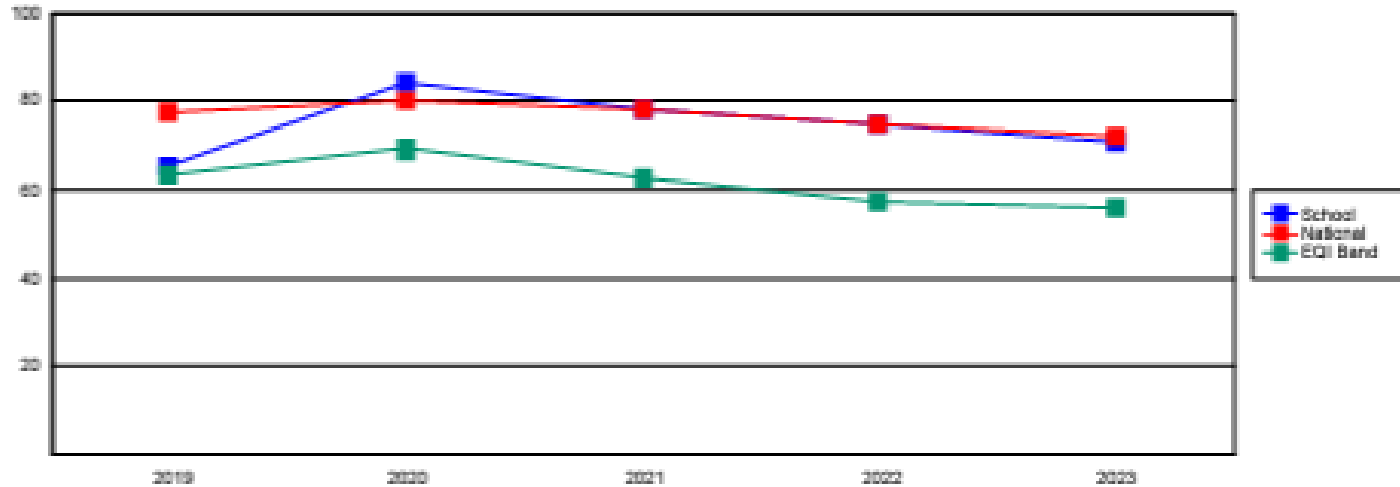
YEAR 12 - NCEA LEVEL 2 - PARTICIPATION

Level 2



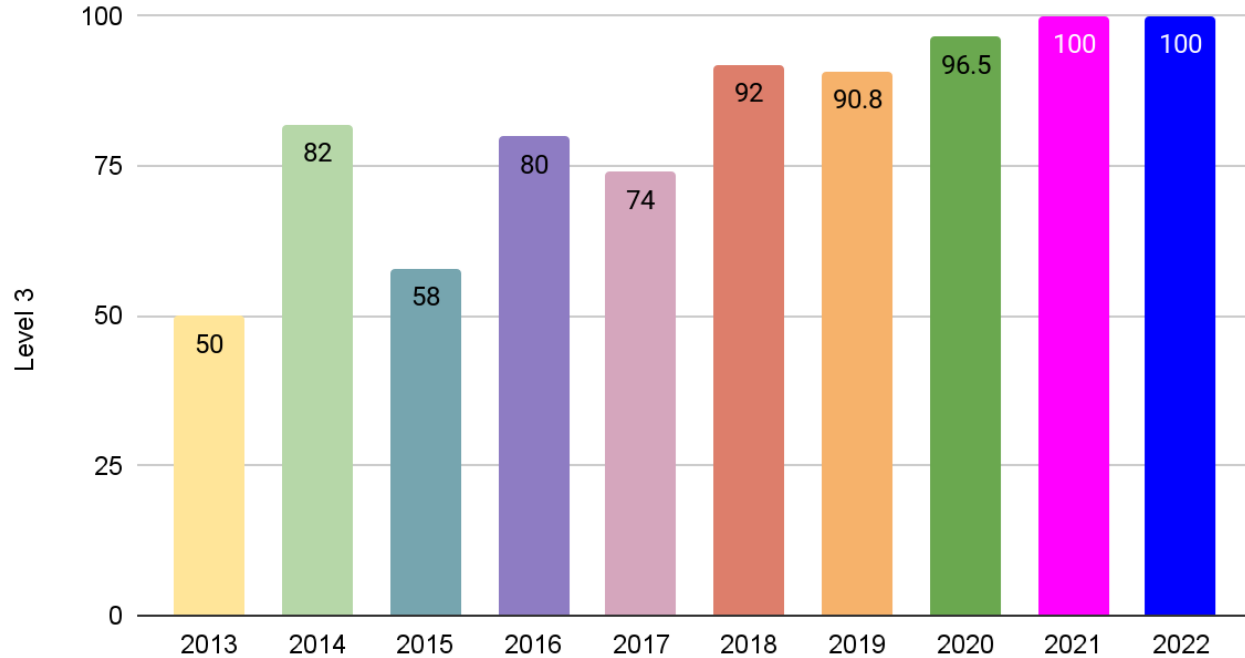
YEAR 12 - ENROLMENT BASED

Year 12 - NCEA Level 2

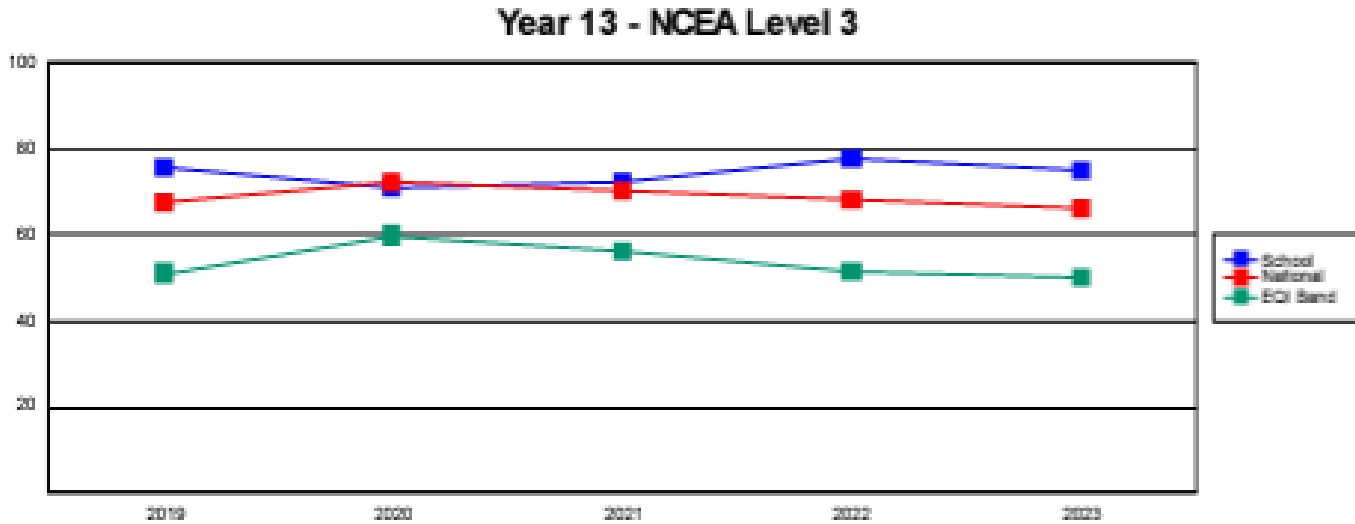


YEAR 13 - NCEA LEVEL 3 - PARTICIPATION

Level 3

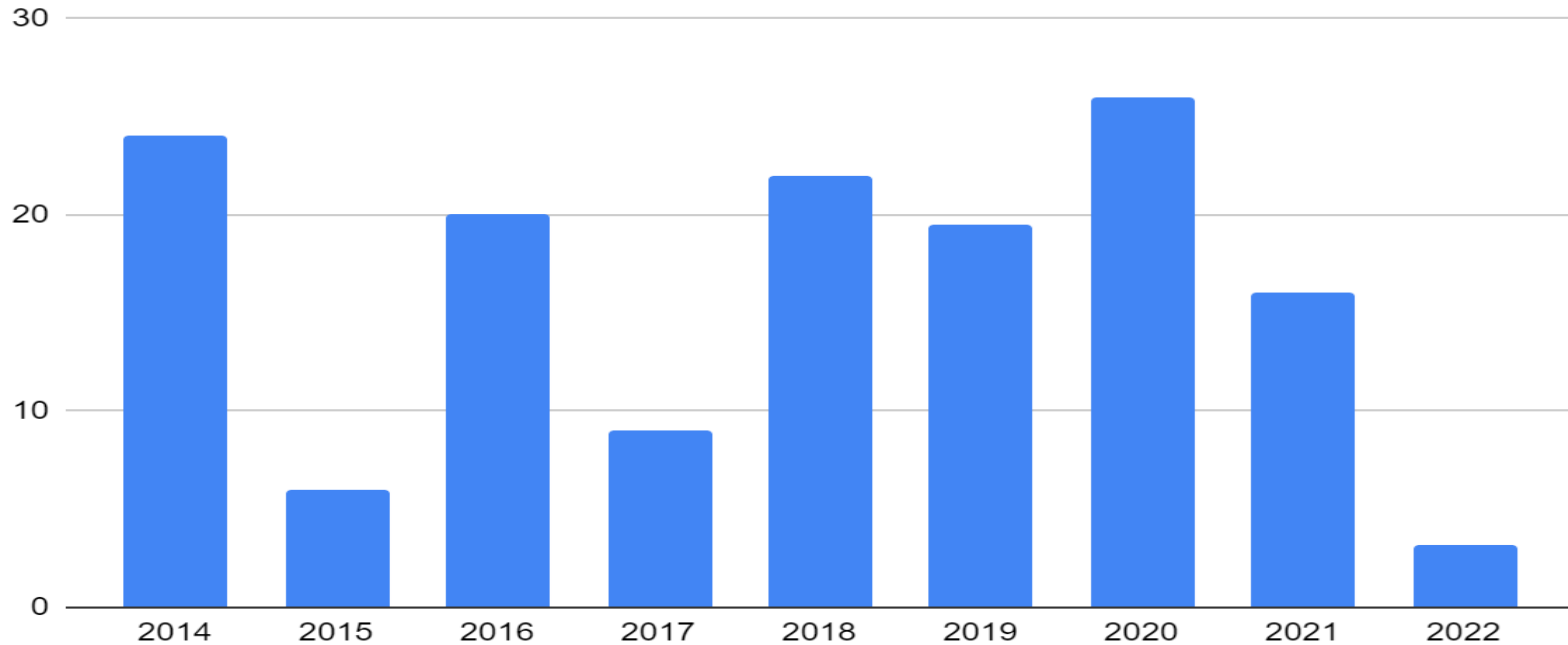


YEAR 13 - ENROLMENT BASED



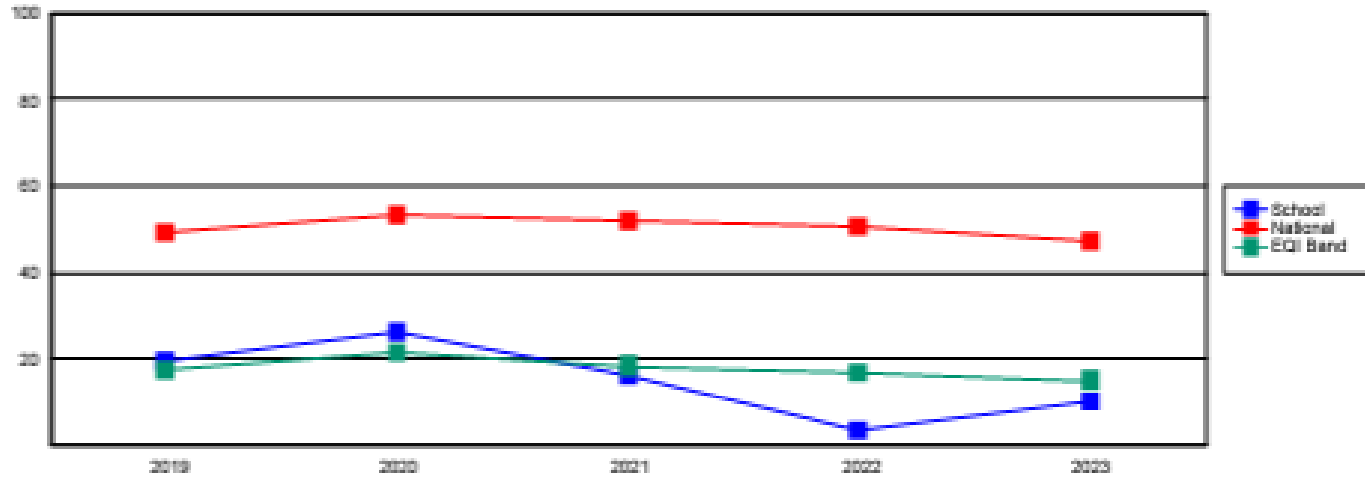
YEAR 13 - UNIVERSITY ENTRY

University Entry 2014 -2022 Enrolment Based



UE - ENTRY - ENROLMENT BASED

Year 13 - University Entrance



LEVEL 1 LITERACY AND NUMERACY

	2016	2017	2018	2019	2020	2021	2022	2023	DECILE (1-3)	NATIONAL
LITERACY	78.5	65.9	63.5	77.6	85.2	90% (70.6%)	76% (55.9%)	100% (92.1)	75.8 (down 2%)	81.4
NUMERACY	81.5	69.3	71.6	77.6	85.2	90% (73.5%)	71% (52.5%)	100% (92.1)	72.2 (down 10%)	80.3

SENIOR ACHIEVEMENT

- Course Endorsements
- Certificate Endorsement

	Year 11	Year 12	Year 13
Excellence	Carys Carter		
Merit	Abbey-Turner Manzanza Harmony Waaka	Anaia Leaf	

2023 TARGETS

Expand integrated curriculum through a Te Ao Māori lens, focusing on literacy and numeracy for all.

Build teacher capacity, through PLD

- Ongoing PLD has been provided throughout the year.
- Focus on
 - * curriculum refresh
 - * common practice model
 - * lit/num across the curriculum
 - * Matauranga Māori
 - * NCEA new level 1 standards.
- Integrated curriculum through Block week and new course creation - ongoing

2023 TARGETS

Reason for Variance

- The delayed introduction of the refreshed curriculum and NCEA changes dictated the PLD provided
- Introduction of common assessment activity in literacy and numeracy - all year 10's sat the assessment in October.
- Excellent level 1 Numeracy and Literacy outcomes.
- A number of year 10 students also gained numeracy through Unit Standards.

2023 TARGETS

Develop learning programmes that reflect Mātauranga Maori across the school.

- Develop teacher confidence in their understanding of Mātauranga Māori and how this can be reflected in their programmes of learning.
- Use Niho Taniwha as a learning tool for teachers to support their understanding and learning to better serve and empower Māori students and their whānau (Self Paced online courses available 2023 - Raewyn Houia).

2023 TARGETS

Implement structured literacy across the school

- Identify a lead teacher to implement structured literacy across the school - lead by Raewyn Morgan (AP)
- Provide PLD to all teachers to support the delivery of structured literacy across the school - PLD provided to individual's who will champion their strategy in 2024.
- Support teachers and students to prepare students for the corequisite literacy requirements in 2024

2024 - YEAR 11 STUDENTS

- ★ A number of Year 11 students are beginning year 11 with between 54 and 0 credits. Please ensure you are offering extension work to those capable. Consider how you can encourage and engage students to achieve with Merit and excellence, course endorsement with external exam participation.

Current situation

1. Literacy and Numeracy Start of 2024
2. Current NCEA credits

LITERACY AND NUMERACY COREQUISITE / COMMON ASSESSMENT ACTIVITY

- ★ Corequisite - goal for all Year 10's - available
May (27th -31st) and **September** (9-28th)
No Lit / Num Unit Standards

STRATEGIC GOAL 1

(2024)

Expand integrated curriculum through a Te Ao Māori lens, focusing on literacy and numeracy for all.

Initiatives

- Build teacher capability, through PLD
- Develop learning programmes that reflect Mātauranga Māori across the school
- Implement structured literacy across the school

Junior Department Actions for 2024

- Build teacher practice through regular curriculum “Sprints” throughout the year (short 4 week practice changes)
- ALL reading program PLD - Matt Brown to champion
- Sure / Mel - The Code - champion 2024
- Numicon - Champion tbc
- Focus on new Literacy and Maths curriculum changes
- Coaching PLD to help improve teacher practise