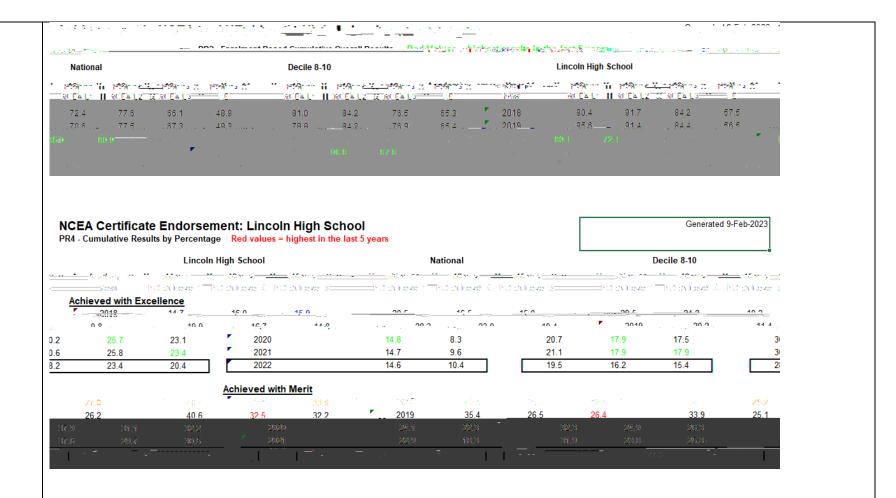
Analysis of Variance 2022

Student Achievement Target 1

Strategic Goal 2	Students will achieve excellent academic results.				
Target 1	All students achieve NCEA Level 2 with meaningful grades (i.e. an increase in certificate endorsement rates at Level 2).				
Baseline data	Students did not do NCEA Level 1 in 2020 or 2021. We want to track their progress to ensure they are achieving well at Level 2. We will monitor wellbeing for these students to see if it has made a difference not doing NCEA Level 1. We have developed base line data for attendance, transfers and achievement with the 2020 Year 12 cohort and will make comparisons with the 2022 cohort.				
	2020 Certificate Endorsement: Level 2: Excellence Endorsement 14.5%	Merit Endorsement 24.3%			
	2021 Certificate Endorsement: Level 2: Excellence Endorsement 14.9%	Merit Endorsement 23.2%			
	Note: 2020 COVID meant that students had to achieve 46 credits instead of the regular 50 credits, for an endorsed certificate. Pass rate for NCEA Level 2: 97% (2020) and 97.2% raw score/ 98.2% following intervention (2021).				
Analysis 2022	Provisional results NZQA (February 22, 2023)				
	 Provisional Pass rate: NCEA Level 2: 91.6% 2022 Certificate Endorsement: Level 2: Excellence Endorsement 14.6% 	Merit Endorsement 27.5%			
	School based predictions before and after intervention on the right)		(see the table		
	The expected pass rate for NCEA Level 2 after intervention is		93.2%		

NZQA data from 9th February 2023.



Consideration of a cohort factor in our analysis.

Stanine Levels are a way to scale scores to standardised nine-point scale. The Stanines use a Normal Distribution model and graphically are unimodal and symmetrical. If a student is scoring a stanine level of 1 -3, they are in the bottom 23% of their cohort. If a student scores a stanine level of 7 – 9 this indicates, they are in the top 23% of their national cohort. Below are the graphs for our CAM (Centre for Assessment and Monitoring (University of Canterbury) entrance tests results over the last 7 years.

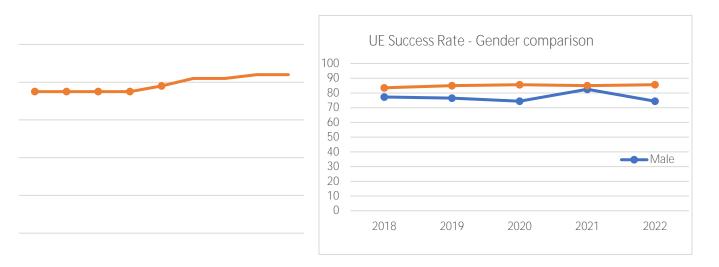
Summary 1. 2022 proved to be another challenging year with COVID-19. In 2022, students experienced rostering home and periods of absence from school or from their teachers. 2. Our 2022 Year 12 cohort had entrance tests scores from 2019 (see above) which indicated a lower ability level (a larger number of students in the Stanine 1-3 group) as compared to our 2018 cohort which performed very well in NCEA Level 2 in 2021.

- 3. A number of students were able to leave school during the year in 2022 as apprenticeships and job opportunities presented as a Segway out of school for some of the less engaged students. This meant that for some students, completing the NCEA Level 2 was not a priority. In 2021 we did not see students leaving school in this way due of the impact of COVID.
- 4. Our pass rates for NCEA Level 2 were 17.4% higher than the national average (which was 3.7% lower than in 2021) and 8.1% higher than the Decile 8-10 average (which was 1.6% lower than in 2021).
- 5. The implementation of a Year 12 Diploma has been a positive move with students aiming to achieve the diploma throughout the year. 85% of the cohort gained the Year 12 Diploma in 2022. 19 students who were unsuccessful with the Year 11 Diploma in 2021 obtained the Year 12 Diploma in 2022.
- 6. Our combined Level 2 endorsement rate (merit and excellence) for 2022 was 42.1% which is 4.5% higher than in 2021.

Evaluation and where to from here:

- 1. We will continue with the mentoring and tracking of student achievement and engagement through Linc class as well as the continuation of the Year 11 & 12 Diploma and the Year 13 Graduation Diploma for our students.
- 2. The endorsement rates for Level 2 were pleasing but there is still room for improvement and focus for 2023.
- 3. Our aim is to get every student NCEA Level 2 and the focus will be on achieving this.

All students were surveyed and Linc teachers monitored the students UE progress as a way of addressing the expected target for our UE success rate. Our statistics are based on our students' intentions/goals and are therefore specific to our school which is more meaningful.



Notes:

- 1. 100% of Yr 13 students surveyed at the end of Term 4
- 2. *2016 Graduation Diploma introduced
- 3. 2017 was the first year to have 100% of cohort surveyed by Linc teachers
- 4. UE Target increased from 75% to 78% in 2018 and progressively increased to 84% in 2021 and 2022
- 5. Gender data collated as of 2018

6. Total number of students includes those enrolled at the start of Term 3

Analysis

- 1. Our analysis found that 82.9% of eligible students were aiming to get UE. 80.7% of the students who were aiming to get UE achieved this (as of February 22, 2023) which is below the target of 84%. Some students left school during the latter part of the year and were not focused on achieving UE.
- 2. Comparing this data with the NZQA data as at 9 February 2023, there are some pleasing results:
 - a. Our rate of students attaining UE as of 9 February 2023 was 61.9% which was our highest rate recorded at this time (in the last 5 years).

b.