

Northcote Intermediate School

Analysis of Variance

2019



Future-focused
Informed
Respectful
Successful
Thinkers

Strategic Goals	Target	Mid-Year Achievement	End of Year Achievement	Analysis	Evaluation
<p>Strategic Goal 1a To strive for all students to make progress towards the appropriate curriculum level for their age in Literacy.</p>	<p>Reading 1a.1 85% of all students will be at or above the appropriate curriculum level in Reading by the end of the year.</p>	<p>Reading 1a.1 73% of all students are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.2 70% of all Y7 students 76% of all Y8 students are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.3 65% of Y7 boys 69% of Y8 boys are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.4 75% of Y7 girls 83% of Y8 girls are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.5 56% of Maori Y7 boys 47% of Maori Y8 boys are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.6 64% of Maori Y7 girls 73% of Maori Y8 girls are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.7 42% of Pasifika Y7 boys 36% of Pasifika Y8 boys are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p> <p>1a.8 54% of Pasifika Y7 girls 40% of Pasifika Y8 girls are currently working at or above the appropriate curriculum level in Reading for the end of the year.</p>	<p>Reading 1a.1 80% of all students are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.2 76% of all Y7 students 84% of all Y8 students are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.3 72% of Y7 boys 79% of Y8 boys are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.4 83% of Y7 girls 89% of Y8 girls are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.5 74% of Maori Y7 boys 56% of Maori Y8 boys are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.6 73% of Maori Y7 girls 80% of Maori Y8 girls are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.7 57% of Pasifika Y7 boys 43% of Pasifika Y8 boys are working at or above the appropriate curriculum level in Reading at the end of the year.</p> <p>1a.8 50% of Pasifika Y7 girls 78% of Pasifika Y8 girls are working at or above the appropriate curriculum level in Reading at the end of the year.</p>	<p>Reading 1a.1 7% increase in achievement.</p> <p>1a.2 6% increase in Y7 achievement. 8% increase in Y8 achievement.</p> <p>1a.3 7% increase in Y7 boys' achievement. 10% increase in Y8 boys' achievement.</p> <p>1a.4 8% increase in Y7 girls' achievement. 6% increase in Y8 girls' achievement.</p> <p>1a.5 18% increase in Y7 Maori boys' achievement. 9% increase in Y8 Maori boys' achievement.</p> <p>1a.6 9% increase in Y7 Maori girls' achievement. 7% increase in Y8 Maori girls' achievement.</p> <p>1a.7 15% increase in Y7 Pasifika boys' achievement. 7% increase in Y8 Pasifika boys' achievement.</p> <p>1a.8 4% decrease in Y7 Pasifika girls' achievement. 38% increase in Y8 Pasifika girls' achievement.</p>	<p>Overall, Reading is also our strongest area of achievement as a school. It is pleasing to see improvements between the middle and end of year achievement.</p> <p>It is also interesting to note that our girls achievement across all areas is very strong, with the highest achievement being our Year 7 & 8 girls and also high levels of achievement for our Maori and Pasifika Year 8 girls.</p> <p>Areas of concern are our Year 7 Pasifika students, as well as our Year 8 Maori and Pasifika boys.</p> <p>Although we did not reach our goal of 85%, it is still pleasing to see progress.</p> <p>* 1a.8 There was a 4% decrease for the Y7 Pasifika girls. This occurred as all girls remained within the same achievement level throughout the year, and one new Y7 Pasifika girl arrived in the second half of the year who was below the appropriate curriculum level in Reading at the end of the year.</p> <p>There was a 38% increase for the Y8 Pasifika girls. This occurred as three of the five girls who achieved towards in mid-year achievement, moved up to within at the end of the year. These three students accounted for 33% of the Y8 Pasifika girls.</p>
	<p>Writing 1a.1 85% of all students will be at or above the appropriate curriculum level in Writing by the end of the year.</p>	<p>Writing 1a.1 69% of all students are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.2</p>	<p>Writing 1a.1 76% of all students are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.2</p>	<p>Writing 1a.1 7% increase in achievement.</p> <p>1a.2 11% increase in Y7 achievement. 5% increase in Y8 achievement.</p>	<p>Although our end of year Writing achievement was not as high as our Reading, it is pleasing to see the amount of improvement is still the same.</p>

		<p>61% of all Y7 students 76% of all Y8 students are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.3 55% of Y7 boys 69% of Y8 boys are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.4 69% of Y7 girls 83% of Y8 girls are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.5 62% of Maori Y7 boys 60% of Maori Y8 boys are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.6 55% of Maori Y7 girls 80% of Maori Y8 girls are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.7 39% of Pasifika Y7 boys 43% of Pasifika Y8 boys are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p> <p>1a.8 45% of Pasifika Y7 girls 60% of Pasifika Y8 girls are currently working at or above the appropriate curriculum level in Writing for the end of the year.</p>	<p>72% of all Y7 students 81% of all Y8 students are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.3 65% of Y7 boys 75% of Y8 boys are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.4 80% of Y7 girls 88% of Y8 girls are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.5 67% of Maori Y7 boys 62% of Maori Y8 boys are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.6 64% of Maori Y7 girls 87% of Maori Y8 girls are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.7 50% of Pasifika Y7 boys 36% of Pasifika Y8 boys are working at or above the appropriate curriculum level in Writing at the end of the year.</p> <p>1a.8 58% of Pasifika Y7 girls 80% of Pasifika Y8 girls are working at or above the appropriate curriculum level in Writing at the end of the year.</p>	<p>1a.3 10% increase in Y7 boys' achievement. 6% increase in Y8 boys' achievement.</p> <p>1a.4 11% increase in Y7 girls' achievement. 5% increase in Y8 girls' achievement.</p> <p>1a.5 5% increase in Y7 Maori boys' achievement. 2% increase in Y8 Maori boys' achievement.</p> <p>1a.6 9% increase in Y7 Maori girls' achievement. 7% increase in Y8 Maori girls' achievement.</p> <p>1a.7 11% increase in Y7 Pasifika boys' achievement. 7% decrease in Y8 Pasifika boys' achievement.</p> <p>1a.8 13% increase in Y7 Pasifika girls' achievement. 20% increase in Y8 Pasifika girls' achievement.</p>	<p>Once again our girls achievement was very strong with the Year 7 and 8 girls, as well as Maori and Pasifika Year 8 girls, being four of the top 5 achieving groups.</p> <p>Areas of concern are all Pasifika groups, except Year 8 girls. Particularly the lack of progress from our Year 8 boys.</p> <p>In 2020, Writing will need to be a key focus for our Head of Department of Literacy.</p> <p>*1a.7 There was a 7% decrease for the Y8 Pasifika boys. This occurred as all boys remained within the same achievement level throughout the year, except one student who went back a level. This could be due to the teacher mis-judging the student's ability in the middle of the year, the student's lack of interest or motivation in the second part of the year, or other personal reasons.</p> <p>1a.8 There was a 20% increase for the Y8 Pasifika girls. This occurred as two of the four girls who achieved working towards in mid-year achievement, moved up to within at the end of the year. These two students accounted for 20% of the Y8 Pasifika girls.</p>
<p>Strategic Goal 1b To strive for all students to make progress towards the appropriate curriculum level for their age in Mathematics.</p>	<p>Mathematics 1b.1 85% of all students will be at or above the appropriate curriculum level in Mathematics by the end of the year.</p>	<p>Mathematics 1b.1 68% of all students are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p> <p>1b.2 63% of all Y7 students 74% of all Y8 students are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p> <p>1b.3 63% of Y7 boys 73% of Y8 boys are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p>	<p>Mathematics 1b.1 74% of all students are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p> <p>1b.2 70% of all Y7 students 78% of all Y8 students are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p> <p>1b.3 70% of Y7 boys 78% of Y8 boys are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p>	<p>Mathematics 1b.1 6% increase in achievement.</p> <p>1b.2 7% increase in Y7 achievement. 4% increase in Y8 achievement.</p> <p>1b.3 7% increase in Y7 boys' achievement. 5% increase in Y8 boys' achievement.</p> <p>1b.4 10% increase in Y7 girls' achievement. 5% increase in Y8 girls' achievement.</p> <p>1b.5 11% increase in Y7 Maori boys' achievement. 10% increase in Y8 Maori boys'</p>	<p>Our achievement in Mathematics remains lower than Literacy (6% lower than Reading and 2% lower than Writing). However, we did make almost exactly the same amount of progress in the end of year achievement.</p> <p>Interestingly, there was a much closer level of achievement between both Year 7 & 8 boys and girls. Also the highest achieving group was the Year 7 Maori boys with 80% achieving at or above.</p> <p>Once again there are significant concerns around Pasifika achievement, except Year 8 girls. Particularly around the lack of progress from our Year 8</p>

		<p>1b.4 61% of Y7 girls 74% of Y8 girls are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p> <p>1b.5 69% of Maori Y7 boys 53% of Maori Y8 boys are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p> <p>1b.6 45% of Maori Y7 girls 60% of Maori Y8 girls are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p> <p>1b.7 31% of Pasifika Y7 boys 71% of Pasifika Y8 boys are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p> <p>1b.8 36% of Pasifika Y7 girls 60% of Pasifika Y8 girls are currently working at or above the appropriate curriculum level in Mathematics for the end of the year.</p>	<p>1b.4 71% of Y7 girls 79% of Y8 girls are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p> <p>1b.5 80% of Maori Y7 boys 63% of Maori Y8 boys are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p> <p>1b.6 55% of Maori Y7 girls 63% of Maori Y8 girls are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p> <p>1b.7 42% of Pasifika Y7 boys 57% of Pasifika Y8 boys are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p> <p>1b.8 25% of Pasifika Y7 girls 78% of Pasifika Y8 girls are working at or above the appropriate curriculum level in Mathematics at the end of the year.</p>	<p>achievement.</p> <p>1b.6 10% increase in Y7 Maori girls' achievement. 3% increase in Y8 Maori girls' achievement.</p> <p>1b.7 11% increase in Y7 Pasifika boys' achievement. 14% decrease in Y8 Pasifika boys' achievement.</p> <p>1b.8 11% decrease in Y7 Pasifika girls' achievement. 18% increase in Y8 Pasifika girls' achievement.</p>	<p>boys and Year 7 girls.</p> <p>Improving our knowledge and use of culturally responsive pedagogy is our biggest learning need for 2020. This will be supported by the implementation of DMIC in our school, but will also require ongoing targeted professional development and support. Our Pasifika students should also be considered for CoL case studies by teachers to provide extra insight and support.</p> <p>*1b.7 There was a 14% decrease for the Y8 Pasifika boys. This occurred as all boys remained within the same achievement level throughout the year, except one student who went back a level. This could be due to the teacher mis-judging the student's ability in the middle of the year, the student's lack of interest or motivation in the second part of the year, or other possible reasons. A new student also arrived in the second half of the year who was working towards. These two boys accounted for 14% of the Y8 Pasifika boys.</p> <p>*1b.8 There was an 11% decrease for the Y7 Pasifika girls. This occurred as all girls remained within the same achievement level throughout the year, except one student who went back a level. This could be due to the teacher mis-judging the student's ability in the middle of the year, the student's lack of interest or motivation in the second part of the year, or other possible reasons. A new student also arrived in the second half of the year who was working towards. These two girls were 17% of the Y7 Pasifika girls.</p> <p>These students should be considered as CoL case studies</p>
<p>Strategic Goal 2 To be inclusive of the needs of all students, with a particular focus on achievement of our priority learners: Māori and Pasifika, Special Needs and Gifted and Talented</p>	<p>Initiatives and processes that were created to support this goal:</p> <p>Maori & Pasifika</p> <ul style="list-style-type: none"> - Weekly Pasifika curriculum support classes - Equip'd/Nga Tama Toa programs for our Pasifika & Maori students focusing on building resilience and developing social skills using Pasifika and Maori values - MANA Breakfasts - Start/End of year hui and fono - Cultural trips: Polyfest, marae visit, contributing schools visits - Te reo o te wiki program and celebrations - Te reo workshops focused on improving teacher knowledge and expertise <p>Special Needs</p> <ul style="list-style-type: none"> - Weekly meetings with TAs to discuss learning needs of our priority and target learners - IEP meetings with families twice yearly with our priority learners - RTLB referrals and in class support for both the teachers and students 			<p>Next steps/areas for development in 2020:</p> <p>Maori & Pasifika</p> <ul style="list-style-type: none"> - Confirm a reliable and consistent kapa haka tutor - Build stronger bonds with our Maori whanau and community - Support staff to use culturally responsive pedagogies that best support our Maori and Pasifika learners - Provide opportunities for students to make connections with other Maori and Pasifika students and learn about their cultures, values and beliefs <p>Special Need</p> <ul style="list-style-type: none"> - Recruit and induct new Learning Support Coordinator - Increase communication between home and school around learning, progress and support of our priority learners - Create better systems and processes to identify and track progress of our target and priority learners - Increase our resources to support teachers of students with diverse learning 	

	<p>Gifted & Talented</p> <ul style="list-style-type: none"> - ICAS - Mathex - Maths Extension - Writer's Festival - Lit. Quiz 	<p>needs e.g. Dyslexia, dyspraxia, ASD etc.</p> <p>Gifted & Talented</p> <ul style="list-style-type: none"> - Establish a consistent time for both numeracy and literacy extension - Continue to build relationships with Northcote College to explore potential extension opportunities for our students - Research and purchase new resources/programs to support teachers in extending students
<p>Strategic Goal 3 To increase students' opportunities to engage in learning with the NZC through 21st learning strategies</p>	<p>Initiatives and processes that were created to support this goal:</p> <ul style="list-style-type: none"> - Overseas learning trips: China Cultural Exchange, USA BITE Trip - STEAM Learning - Digital Technology classes - Community projects with HLC, Kainga Ora, Kapatiki Local Board - Kaipatiki Youth Panel 	<p>Next steps/areas for development in 2020:</p> <ul style="list-style-type: none"> - Increased focus on the Digital Curriculum roll out
<p>Strategic Goal 4 To provide safe, attractive functional buildings and grounds that promote the vision and goals of the school including a plan for future growth</p>	<p>Initiatives and processes that were created to support this goal:</p> <ul style="list-style-type: none"> - Placement of 3 new classes at the end of the school (Rooms 13, 14, 15) - New car park with 12 new spaces behind caretakers shed - Placement of new toilet block behind the tech block - Ensuring all classes have flat screen TVs mounted on portable trolley stands - New signage around the school in both English and Te reo - Shade sails outside hall and Kawau block - Installation of new transformer - New contract with Watershed to take over school's cyclical maintenance and 5YA support - Complete door and lock audits, including replacement and repairs to a significant number of the school's doors and locks 	<p>Next steps/areas for development in 2020:</p> <ul style="list-style-type: none"> - Removal of 3 old Portacoms (Languages Room, Big Band/Lion Dance Room, Library) - Placement of 3 new classes beside Rangitoto - Commencement of Phase One School Upgrade Program (building new two storey, 12 classroom learning block and 55+ carparks) - Upgrade first time student login process to wireless access - Continued upgrade of old dentist building for Art Technology - Installation of shade sails at the far end of the school (outside Tech, Rangitoto, new rooms) - Major reroofing project - Drainage program - Drinking fountain upgrade - Shade and seating for new rooms 16 – 18 - General upgrade and beautification program including seating - Air conditioning – upgrades, replacements and service - New playground