

MINISTRY OF EDUCATION TE TĂHUHU O TE MĂTAURANGA

## **Analysis of Variance Reporting**



| School Name:   | Birkenhead School   | School Number:  | mber: 1231   |  |  |
|----------------|---|---|--|--|--|
| Strategic Aim: | Birken<br>Prima<br>Schoo<br>Te Kura Matarae a   | In order to grow active learne  | Plan 2024-2025<br>ers who make a positive difference we will<br>Inga mô koutou, mô te iwi, mô te ao                              |  |  |
|                | Provide quali<br>and learning fo<br>across all<br>our sci   | r all ākonga, to Te Tiriti o Waitangi<br>levels of and embrace our  | that fosters the wellbeing of staff, ākonga and our  |  |  |
|                | Identify effective<br>learning strateg<br>learner agency of<br>Upskill all teachers of<br>in effective pedag<br>Use Universal Des<br>(UDL) strategies to<br>is fully inclusive<br>success for o | ies to increase teaching, learning, system<br>across all levels. Build reciprocal relationships<br>logg and practice. Build reciprocal relationships<br>local lwi representatives<br>local lwi representatives<br>ensure learning Engage our diverse learning<br>community. | ns, aides in mental health and wellbeing education. with Provide a safe, inclusive and stimulating physical environment for all. |  |  |
|                | Mahi Te   | g connections.<br>ahi.<br>uting & Collaborative.  |  |  |  |
| Targets:       | Go to the Targets and Outo  | Go to the Targets and Outcomes Table below  |  |  |  |

| Actions<br>What did we do?  | Outcomes<br>What happened?   | Reasons for the variance<br>Why did it happen?   | Evaluation<br>Where to next?  |
|---|--|--|---|
| <ul> <li>General</li> <li>Clear tracking of students who<br/>were not achieving or at risk of<br/>not achieving end-of-year<br/>expectations.</li> <li>Focus conversations within the<br/>team and hub to discuss<br/>progress and ways to support<br/>further.</li> <li>Regular dialogue within TL<br/>and SLT meetings regarding<br/>students and trends.</li> <li>Additional whānau meetings<br/>to discuss progress, the<br/>support provided and how to<br/>help at home for those who<br/>were not achieving or were at<br/>risk of not achieving.</li> </ul> | <ul> <li>General</li> <li>Shared responsibility across the school for those who were not achieving or at risk of not achieving - hub teachers, team and SLT developed a greater understanding of the student's needs.</li> <li>SLT had a greater understanding of the trends and were able to provide targeted support through additional TA support or learning programmes.</li> <li>Whānau were provided with greater detail on their child's learning and how they can support and the support provided in school.</li> </ul> |  | <ul> <li>General</li> <li>Additional teacher employed within Years 4-5 to reduce class sizes and to allow both hubs to utilise three teachers and best collaborative practice approaches.</li> <li>Further develop home school partnerships with all whānau.</li> <li>Continue a focus on learners who are not achieving, at risk of not achieving and those who have plateaued in their learning.</li> </ul> |
| <ul> <li>Reading</li> <li>Aligned our reading<br/>assessment throughout the<br/>school from Level 17 and<br/>above to use Running Records<br/>to ensure consistency.</li> <li>Use of e-asTTle Reading in<br/>Year 4-6 beginning and end of<br/>year to triangulate data.</li> </ul>   | <ul> <li>Reading</li> <li>A whole school shared<br/>understanding and a consistent<br/>approach to making OTJs<br/>regarding reading for those Level<br/>17 plus.</li> <li>Developed a shared<br/>understanding of how structured<br/>literacy benefits all learners.</li> </ul>   | <ul> <li>Reading</li> <li>No dip in data at Year 5 as<br/>students no longer transition<br/>between assessment types.</li> <li>Structured Literacy PD was<br/>large scale and time needed to<br/>be provided for teachers to<br/>understand and implement the<br/>practices.</li> <li>Difficulty aligning expectations<br/>for Year 1 and 2 students with</li> </ul> | <ul> <li>Reading</li> <li>Continue with Learning<br/>Matters and lead teachers of<br/>structured literacy to support<br/>the use of decodable and<br/>authentic texts to support and<br/>extend learners, decoding,<br/>vocabulary and sentence<br/>structure knowledge across all<br/>year levels.</li> </ul>  |

| <ul> <li>Implementation of structured literacy across the school, PD through Learning Matters.</li> <li>Small group withdrawal programme, run by experienced teachers, that targeted identified gaps and supported 'at risk' students.</li> <li>Maximising academic learning time - using teachers to provide booster sessions and TAs to act as learning coaches.</li> </ul>  | <ul> <li>Year 5 achievement exceeded the target.</li> <li>Year 2 &amp; 4 data were very close to being achieved.</li> <li>Years 1, 3 and 6 did not meet the target.</li> </ul> Overall school achievement: 86% | <ul> <li>expectations and structured literacy expectations.</li> <li>Year 1 students of the 17 who did not achieve expectations 6 started in Term 2. If children who started in Term 2 were not included in the data and time in school was used to assess - 88% of students would have achieved expectations.</li> <li>Boarders reopened, and an influx of new students with limited to no English language. 37 new students, 22 with no English language or NZ school experience.</li> </ul>   | <ul> <li>Booster group work utilising decodable and authentic texts for those who are not achieving or at risk of not meeting expectations.</li> <li>Develop a way to record and track decodable readers on Hero in line with expected outcomes for Years 0-3 and where required above.</li> </ul>   |
|--|--|--|--|
| <ul> <li>Writing</li> <li>Small group withdrawal<br/>writing sessions to support 'at<br/>risk' students</li> <li>Spelling programme linked to<br/>structured literacy<br/>implemented across the school<br/>to support spelling and<br/>vocabulary use.</li> <li>Writing moderation meetings<br/>to support teachers' overall<br/>teacher judgements across<br/>the school.</li> <li>Spelling programme and<br/>booster sessions using<br/>structured literacy.</li> </ul> | <ul> <li>Writing</li> <li>Achievement in Writing was not as desired</li> <li>Year 4 students were close to achieving their target.</li> <li>Overall school achievement: 70%</li> </ul>                         | <ul> <li>Writing</li> <li>Structured Literacy PD was<br/>large scale and time needed to<br/>be provided for teachers to<br/>understand and implement the<br/>practices.</li> <li>Year 1 students focusing more<br/>on encoding dictation sentences,<br/>developing their ability to spell.<br/>This sees less emphasis on some<br/>of the current goals for Year 1<br/>expectations.</li> <li>Boarders reopened, and an<br/>influx of new students with<br/>limited to no English language.<br/>37 new students, 22 with no</li> </ul> | <ul> <li>Writing</li> <li>Review and refresh the writing waka in line with Te Mātaiaho (curriculum refresh).</li> <li>Focus on using the language of structured literacy within the writing programme to support learners to make connections.</li> <li>Development of student agency and use of waka for students to personally identify goals - work completed with teams by the assessment for learning lead teachers,</li> </ul> |

| <ul> <li>Whānau information<br/>afternoon and evening<br/>regarding structured literacy<br/>to develop a shared<br/>understanding.</li> </ul>   |   | English language or NZ school<br>experience.<br>Inconsistencies observed in how<br>the writing waka (progressions)<br>were used across the school. | <ul> <li>supported by Jacque Allen<br/>(Cognition).</li> <li>Continue moderation meetings<br/>and support for making overall<br/>teacher judgements using<br/>more formative assessment.</li> <li>Moderate writing and wakas<br/>within and across teams<br/>termly (release time provided<br/>for this).</li> <li>Explore moderation<br/>opportunities across the Kahui<br/>Ako.</li> <li>Specific and targeted ELL<br/>small group booster<br/>intervention for those with no<br/>or limited language, in addition<br/>to regular ELL support.</li> </ul> |
|---|---|--|---|
| Maths<br>Year 2 to Year 5<br>• Professional Development for<br>Y2-3 (and to a lesser extent,<br>the Y4-5) teachers on a new<br>approach to teaching additive<br>and multiplicative thinking.<br>The PD was run by an<br>in-house maths facilitator, and<br>included PD sessions, in-class<br>modelling and co-teaching,<br>and the provision of resources<br>specifically designed to<br>support the new approach | <ul> <li>Maths</li> <li>Biggest jump in achievement was<br/>in Year 3 where teachers got the<br/>most intensive PD support, and<br/>students went through the new<br/>programme for 1.5 year:<br/>2022 - 60% achievement<br/>2023 - 82% achievement<br/>Even though the 2023 expectations<br/>were set higher than the 2022<br/>expectations.</li> <li>Overall school achievement: 75%</li> </ul> | Maths <ul> <li>Due to the actions mentioned in the first column</li> </ul>   | <ul> <li>Maths</li> <li>Join the Kahui Ako collaborative maths development</li> <li>Extend the learning sequences to go from Y0-Y6, and for other maths areas, and align them with the refreshed curriculum progress outcomes</li> <li>Further develop the learning sequences to include examples that are culturally relevant, strands related, and show different types of problems</li> </ul>  |

| Learning progressions for                        | Develop maths leadership for                        |
|--|---|
| additive and multiplicative                      | sustainability by 'growing'                         |
| developed and used for                           | champion teachers                                   |
| planning, teaching and                           | <ul> <li>PD for whole staff, and special</li> </ul> |
| assessment                                       | support for Year 0-1 teachers to                    |
| <ul> <li>Formative assessment against</li> </ul> | develop foundation concepts                         |
| the learning progressions, and                   | and fluency   |
| term planning based on                           | <ul> <li>Develop a strong resource base</li> </ul>  |
| analysis of children's progress                  | of specifically-designed maths                      |
| rather than an annual plan.                      | equipment, tasks and activities                     |
| Targeted teaching based on                       | <ul> <li>Develop the in-the-moment</li> </ul>       |
| learning needs                                   | approach to assessment                              |
|  | Further develop                                     |
|  | evidence-informed pedagogies                        |
|  | that are aligned with the                           |
|  | common practice models and                          |
|  | our approach  |
|  | <ul> <li>Whole school Maths whānau</li> </ul>       |
|  | sessions.   |

- Jacque Allen's PD continued focusing on Assessment for Learning approaches and student agency.
- Embed structured literacy practices throughout the school.
- Embed refreshed Maths approach and progressions across the school.
- Review of writing wakas (progressions) across the school in line with Te Mātaiaho
- Timetable termly team and across team moderation.
- Implement reading progressions to support student agency in line with structured literacy and Te Mātaiaho (curriculum refresh).
- Teachers employed for small group explicit teaching in Years 2-5 for Term 1.
- Embed UDL practices throughout the school to support all learners.
- Develop targeted and specific ELL programmes for those with little to no English in Year 2 and above

## 2023 Targets in Reading, Writing and Maths Y1-6

| Year Group | Reading                                  | Writing                               | Maths                                    |
|------------|--|---------------------------------------|--|
| Year 1     | Whole year level: 85% of the Year 1      | Whole year level: 90% of the Year 1   | Whole year level: 95% of the Year 1      |
|            | cohort to be at or above expectations by | cohort to be at or above expectations | cohort to be at or above expectations by |
|            | the end of the year                      | by the end of the year                | the end of the year                      |
| Year 2     | Whole year level: 85% of the Year 2      | Whole year level: 95% of the Year 2   | Whole year level: 80% of the Year 2      |
|            | cohort to be at or above expectations by | cohort to be at or above expectations | cohort to be at or above expectations by |
|            | the end of the year                      | by the end of the year                | the end of the year                      |
| Year 3     | Whole year level: 90% of the Year 3      | Whole year level: 85% of the Year 3   | Whole year level: 80% of the Year 3      |
|            | cohort to be at or above expectations by | cohort to be at or above expectations | cohort to be at or above expectations by |
|            | the end of the year                      | by the end of the year                | the end of the year                      |
| Year 4     | Whole year level: 95% of the Year 4      | Whole year level: 80% of the Year 4   | Whole year level: 80% of the Year 4      |
|            | cohort to be at or above expectations by | cohort to be at or above expectations | cohort to be at or above expectations by |
|            | the end of the year                      | by the end of the year                | the end of the year                      |
| Year 5     | Whole year level: 85% of the Year 5      | Whole year level: 80% of the Year 5   | Whole year level: 80% of the Year 5      |
|            | cohort to be at or above expectations by | cohort to be at or above expectations | cohort to be at or above expectations by |
|            | the end of the year                      | by the end of the year                | the end of the year                      |
| Year 6     | Whole year level: 90% of the Year 6      | Whole year level: 80% of the Year 6   | Whole year level: 80% of the Year 6      |
|            | cohort to be at or above expectations by | cohort to be at or above expectations | cohort to be at or above expectations by |
|            | the end of the year                      | by the end of the year                | the end of the year                      |

| Targets and Outcomes in READING   |                     |  |  |  |
|---|---------------------|--|--|--|
| Targets   | Targets             | Results  |  |  |
| Year 1  |                     |  |  |  |
| <b>By the end of 2023</b><br>85% of the Year 1 cohort will be at or above end of year expectations. |                     | Whole year level results:<br>74% - 48 out of 65 students were at expectation or above. |  |  |
| Year 2  |                     |  |  |  |
| <b>By the end of 2023</b><br>85% of the Year 2 cohort will be at or above end of year expectations. | Close to<br>meeting | Whole year level results:<br>83% - 59 out of 71 students were at expectation or above. |  |  |

| Year 3  |                  |  |
|---|------------------|--|
| <b>By the end of 2023</b><br>90% of the Year 3 cohort will be at or above end of year expectations. | Not met          | Whole year level results:<br>83% - 62 out of 75 students were at expectation or above. |
| Year 4  |                  |  |
| <b>By the end of 2023</b><br>95% of the Year 4 cohort will be at or above end of year expectations. | Close to meeting | Whole year level results:<br>93% - 70 out of 75 students were at expectation or above. |
| Year 5  |                  |  |
| <b>By the end of 2023</b><br>85% of the Year 5 cohort will be at or above end of year expectations. | Exceeded         | Whole year level results:<br>89% - 66 out of 74 students were at expectation or above. |

| Year 6   |         |  |
|--|---------|--|
| <b>By the end of 2023</b><br>90% of of the Year 6 cohort will be at or above end of year expectations. | Not met | Whole year level results:<br>80% - 51 out of 56 students were at expectation or above. |

| Targets and Outcomes in WRITING   |  |  |  |  |
|---|--|--|--|--|
| Targets   |  | Results  |  |  |
| Year 1  |  |  |  |  |
| <b>By the end of 2023</b><br>90% of the Year 1 cohort will be at or above end of year expectations. |  | Whole year level results:<br>82% - 53 out of 65 students were at expectation or above. |  |  |
| Year 2  |  |  |  |  |
| <b>By the end of 2023</b><br>95% of the Year 2 cohort will be at or above end of year expectations. |  | Whole year level results:<br>72% - 51 out of 71 students were at expectation or above. |  |  |
| Year 3  |  |  |  |  |
| <b>By the end of 2023</b><br>85% of the Year 3 cohort will be at or above end of year expectations. |  | Whole year level results:<br>70% - 52 out of 75 students were at expectation or above. |  |  |
| Year 4  |  |  |  |  |

| By the end of 2023<br>80% of the Year 4 cohort will be at or above end of year expectations.        | Close to meeting | Whole year level results:<br>77% - 58 out of 75 students were at expectation or above. |  |  |
|---|------------------|--|--|--|
| Year 5  |                  |  |  |  |
| By the end of 2023<br>80% of the Year 5 cohort will be at or above end of year expectations.        |                  | Whole year level results:<br>62% - 46 out of 74 students were at expectation or above. |  |  |
| Year 6  |                  |  |  |  |
| <b>By the end of 2023</b><br>80% of the Year 6 cohort will be at or above end of year expectations. | Not met          | Whole year level results:<br>57% - 32 out of 56 students were at expectation or above. |  |  |

| Targets and Outcomes in MATHS   |         |  |  |  |
|---|---------|--|--|--|
| Targets   | Targets | Results  |  |  |
| Year 1  |         |  |  |  |
| <b>By the end of 2023</b><br>95% of the Year 1 cohort will be at or above end of year expectations. |         | Whole year level results:<br>77% - 50 out of 65 students were at expectation or above. |  |  |
| Year 2  |         |  |  |  |
| By the end of 2023<br>80% of the Year 2 cohort will be at or above end of year expectations.        |         | Whole year level results:<br>69% - 49 out of 71 students were at expectation or above. |  |  |
| Year 3  |         |  |  |  |

| By the end of 2023<br>80% of the Year 3 cohort will be at or above end of year expectations.        | Close to<br>meeting | Whole year level results:<br>79% - 59 out of 75 students were at expectation or above. |
|---|---------------------|--|
| Year 4  |                     |  |
| <b>By the end of 2023</b><br>80% of the Year 4 cohort will be at or above end of year expectations. | Close to<br>meeting | Whole year level results:<br>77% - 59 out of 75 students were at expectation or above. |
| Year 5  |                     |  |
| <b>By the end of 2023</b><br>80% of the Year 5cohort will be at or above end of year expectations.  | Not met             | Whole year level results:<br>72% - 53 out of 74 students were at expectation or above. |
| Year 6  |                     |  |
| <b>By the end of 2023</b><br>80% of the Year 6 cohort will be at or above end of year expectations. | Close to<br>meeting | Whole year level results:<br>77% - 43 out of 56 students were at expectation or above. |

|      | Achievement 2022-2023 |       |     |  |  |  |  |
|------|-----------------------|-------|-----|--|--|--|--|
|      | Reading Writing Maths |       |     |  |  |  |  |
| 2022 | 83%                   | 74.5% | 76% |  |  |  |  |
| 2023 | 2023 86% 70%          |       |     |  |  |  |  |

Analysis of data of students who were at the school at the end of 2022 through to the end of 2023, we see a 3% increase in whole school achievement outcomes for Writing and Maths.

| EOY Achievement for students who had a full year at BPS during 2023 |                       |  |  |  |  |  |  |
|---|-----------------------|--|--|--|--|--|--|
|   | Reading Writing Maths |  |  |  |  |  |  |
| 2023  | 2023 86% 73% 78%      |  |  |  |  |  |  |

| Judgement  | End Year |           |
|------------|----------|----------|----------|----------|----------|----------|-----------|
| READING    | 1        | 2        | 3        | 4        | 5        | 6        | Totals    |
| Well above | 5        | 1        | 3        | 14       | 5        | 6        | 34 (8%)   |
| Above      |          | 16       | 29       | 21       | 15       | 21       | 102 (25%) |
| At         | 43       | 42       | 30       | 35       | 46       | 24       | 220 (53%) |
| Below      | 17       | 2        | 9        | 2        | 7        | 3        | 40 (9%)   |
| Well below |          | 10       | 4        | 3        | 1        | 2        | 20 (5%)   |
| Totals     | 65       | 71       | 75       | 75       | 74       | 56       | 416       |

| Judgement  | End Year |           |
|------------|----------|----------|----------|----------|----------|----------|-----------|
| WRITING    | 1        | 2        | 3        | 4        | 5        | 6        | Totals    |
| Well above |          |          |          | 1        |          | 3        | 4 (1%)    |
| Above      | 5        | 4        | 8        | 1        | 4        | 3        | 25 (6%)   |
| At         | 48       | 47       | 44       | 56       | 42       | 26       | 263 (63%) |
| Below      | 12       | 18       | 22       | 14       | 23       | 19       | 108 (26%) |
| Well below |          | 2        | 1        | 3        | 5        | 5        | 16 (4%)   |
| Totals     | 65       | 71       | 75       | 75       | 74       | 56       | 416       |

| Judgement  | End Year |           |
|------------|----------|----------|----------|----------|----------|----------|-----------|
| MATHS      | 1        | 2        | 3        | 4        | 5        | 6        | Totals    |
| Well above |          |          |          |          |          | 3        | 3 (1%)    |
| Above      |          | 3        | 13       | 10       | 4        | 11       | 41 (10%)  |
| At         | 50       | 46       | 46       | 48       | 49       | 29       | 268 (64%) |
| Below      | 15       | 17       | 13       | 15       | 15       | 10       | 85 (20%)  |
| Well below |          | 5        | 3        | 2        | 6        | 3        | 19 (5%)   |
| Totals     | 65       | 71       | 75       | 75       | 74       | 56       | 416       |

2024 Targets in Reading, Writing

## and Maths

The targets are based upon the current cohorts 2023 end of year achievement.

For example, current Year 2 students At the end of Year 1 73% of students were at or above; therefore, the target is to lift this to 80% by the end of Year 2.

| READING              | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|----------------------|--------|--------|--------|--------|--------|--------|
| AT OR ABOVE%<br>2023 | 73%    | 82%    | 81%    | 97%    | 90%    | 91%    |
| 2024 TARGET %        | 75%    | 80%    | 90%    | 90%    | 98%    | 95%    |

| WRITING              | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|----------------------|--------|--------|--------|--------|--------|--------|
| AT OR ABOVE%<br>2023 | 81%    | 71%    | 71%    | 80%    | 62%    | 57%    |
| 2024 TARGET %        | 85%    | 85%    | 80%    | 80%    | 85%    | 70%    |

| MATHS                | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|----------------------|--------|--------|--------|--------|--------|--------|
| AT OR ABOVE%<br>2023 | 77%    | 69%    | 79%    | 78%    | 70%    | 77%    |
| 2024 TARGET %        | 80%    | 85%    | 75%    | 85%    | 85%    | 80%    |