

Summer Learning Programme 2019/2020

Northland

The Programme

- 6 primary schools: 494 students (more students received books however there is pre and post data for 494)
 - Year 3 = 149
 - Year 4 = 172
 - Year 5 = 173
 - Female = 223 Male = 271
- students received either 12 (higher reading levels) or 15 (lower levels) books

Objectives

To improve students' reading achievement over the summer holidays

To combat the differential and cumulative impact of summer learning loss

To examine the effects of the programme on a cohort of students who have participated for 3 consecutive years

Measurements

- STAR Reading

Year	Pre Test	Post Test
3	STAR 3 – 4 B	STAR 3 – 4 B
4	STAR 3 – 4 C	STAR 5 – 6 A
5	STAR 5 – 6 B	STAR 5 – 6 B

STAR Reading

Test

2nd Edition

Revised

2011

Years 3 - 9

STAR Reading Test is designed to *supplement* the assessments teachers make every day.

STAR assesses a range of reading skills that correspond closely to the main components of reading skills as outlined in *The Literacy Learning Progressions*.

Sub-tests: Word Recognition, Sentence Comprehension, Paragraph Comprehension, Vocabulary Range
Additional Subtests Year 7-9: The Language of Advertising, Styles of Writing

STAR Reading

Average Scale Score

Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9
53.8	81.4	97.6	109.0	117.9	125.2	133.7

Average Progress

Yr 3-4	Yr 4-5	Yr 5-6	Yr 6-7	Yr 7-8	Yr 8-9
27.6	16.2	11.4	8.9	7.3	8.5

Star Scale Score (STAR) from Table 6 p.33, Teacher Manual

Overall Results: Reading Year 3

Year Level	N	Pretest mean scale score	Posttest mean scale score	Difference	Average progress STAR Year 3 to 4
3	149	61.55	61.62	+ 0.07	+ 2.3 per month
<i>2018/2019</i>		<i>64.06</i>	<i>64.85</i>	<i>+ 0.79</i>	
<i>2017/2018</i>		<i>66.33</i>	<i>67.49</i>	<i>+ 1.16</i>	
					+ 5.75 over 2 ½ months
Gender					
Female	63	62.84	63.60	+ 0.76	
Male	86	60.61	60.18	- 0.43	

Year 3: Ethnicity

	N	Pre Mean	Post Mean	Difference
Māori	106	60.25	60.55	+ 0.30
NZ European	25	62.91	60.14	- 2.77
Samoan	4	77.77	83.50	+ 5.73
Fijian	4	53.45	60.42	+ 6.97
CI Maori	2	44.65	45.20	+ 0.55
OPP	3	75.43	73.33	- 2.10
South East Asian	3	66.43	63.33	- 3.10
Other	2	86.55	91.95	+ 5.40

Ability

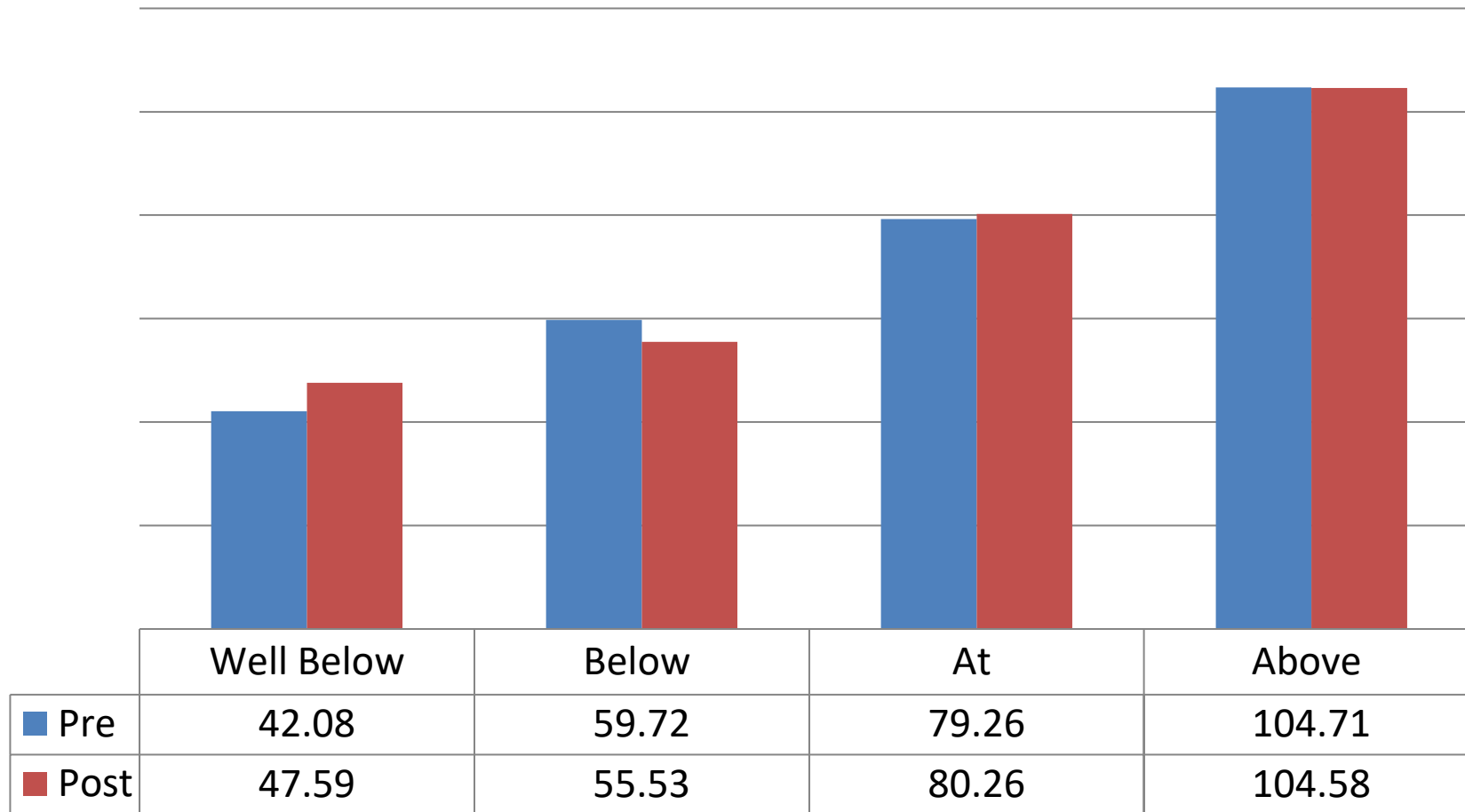
- Ability levels based on Pre-test stanines:

ABILITY LEVEL	STANINE
Well Below	Stanine 1
Below	Stanines 2 and 3
At	Stanines 4, 5 and 6
Above	Stanines 7, 8 and 9

Year 3: Ability

Group	N	Pre Mean	Post Mean	Difference
Well Below	44	42.08	47.59	+ 5.51
Below *	63	59.72	55.53	- 4.19
At	33	79.26	80.26	+ 1.00
Above**	9	104.71	104.58	- 0.13

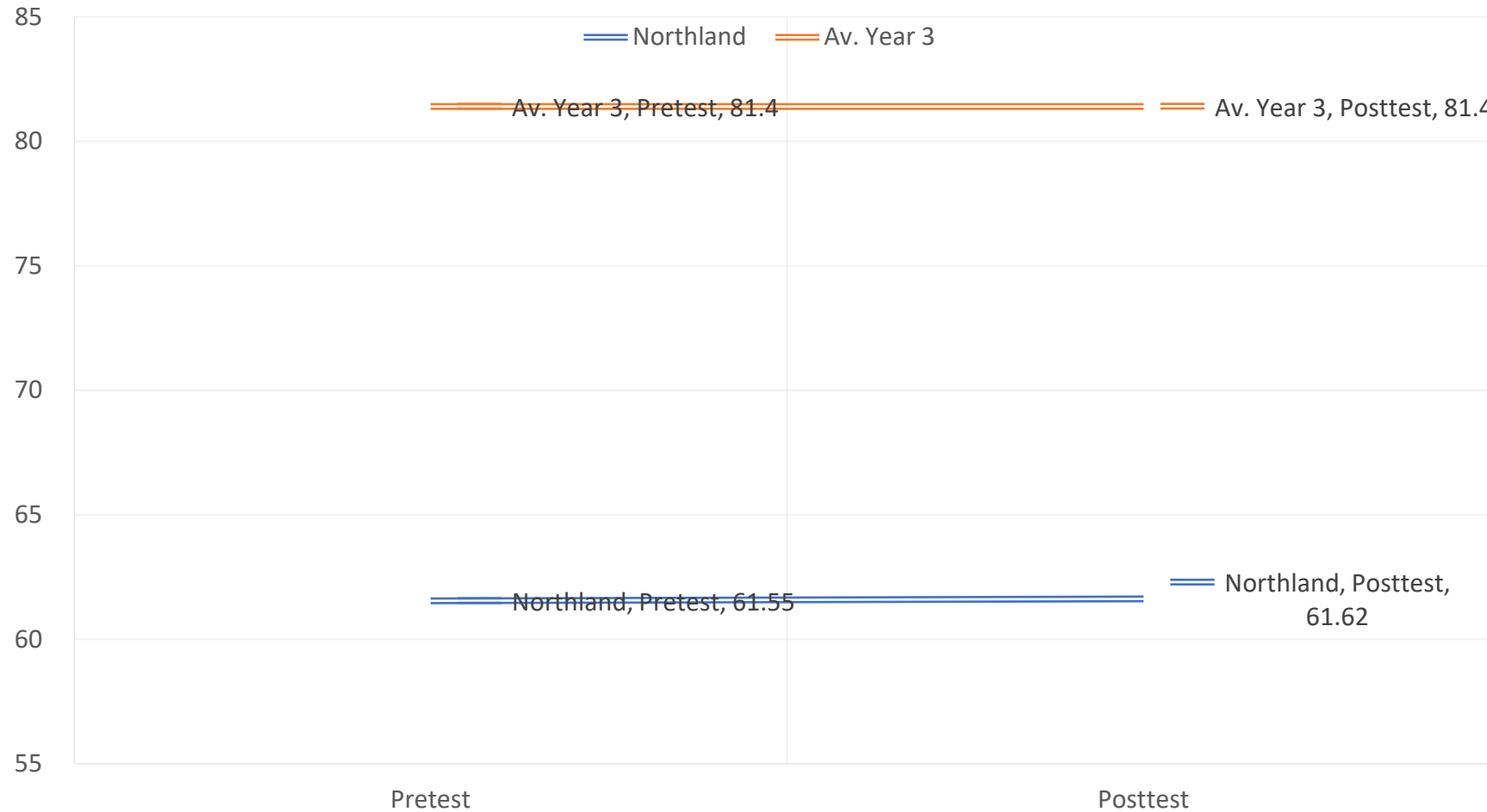
Yr. 3 Reading Progress – Ability Levels



Year 3: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	5.59	5.71	+ 0.12
Sentence Comp.	4.32	4.36	+ 0.04
Paragraph Comp.	4.40	4.32	- 0.08
Vocabulary	3.79	3.78	- 0.01

Northland Schools Year 3 & Average Year 3



Overall Results: Reading Year 4

Year	N	Pre Mean SS	Post Mean SS	Difference	Average progress STAR Year 4 – 5
4	172	83.28	85.24	+ 1.96	+ 1.35 per month
<i>2018/2019</i>			<i>86.94</i>	<i>+ 4.33</i>	
<i>2017/2018</i>			<i>89.13</i>	<i>+ 6.66</i>	
				<i>Greater than expected progress</i>	+ 3.37 over 2 ½ months
Gender					
Female	81	85.15	88.49	+ 3.34	
Male	91	81.62	82.34	+ 0.72	

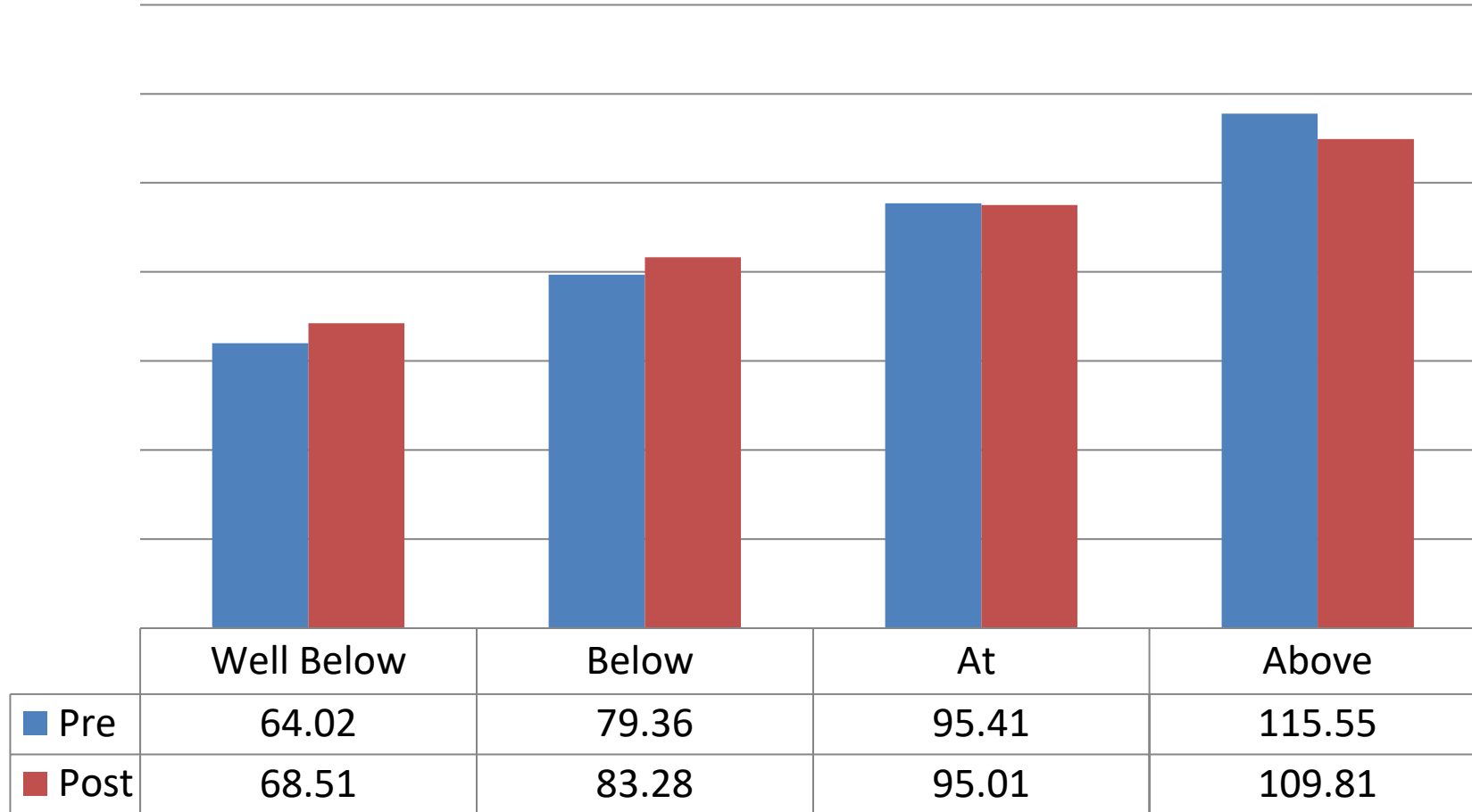
Year 4: Ethnicity

	N	Pre Mean	Post Mean	Difference
Māori	124	81.20	83.54	+ 2.34
NZ European	36	87.83	88.64	+ 0.81
Samoan	2	78.55	81.35	+ 2.80
CI Maori	3	94.06	94.86	+ 0.80
OPP	1	97.20	98.80	+ 1.60
Fijian	1	107.50	103.30	
Other	3	94.20	95.33	+ 1.13
South East Asian	2	83.70	87.95	+ 4.25

Year 4: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress
Well Below	45	64.02	68.51	+ 4.49	<i>greater than expected progress</i>
Below	52	79.36	83.28	+ 3.92	<i>greater than expected progress</i>
At	67	95.41	95.01	- 0.40	
Above	8	115.55	109.81	- 5.71	

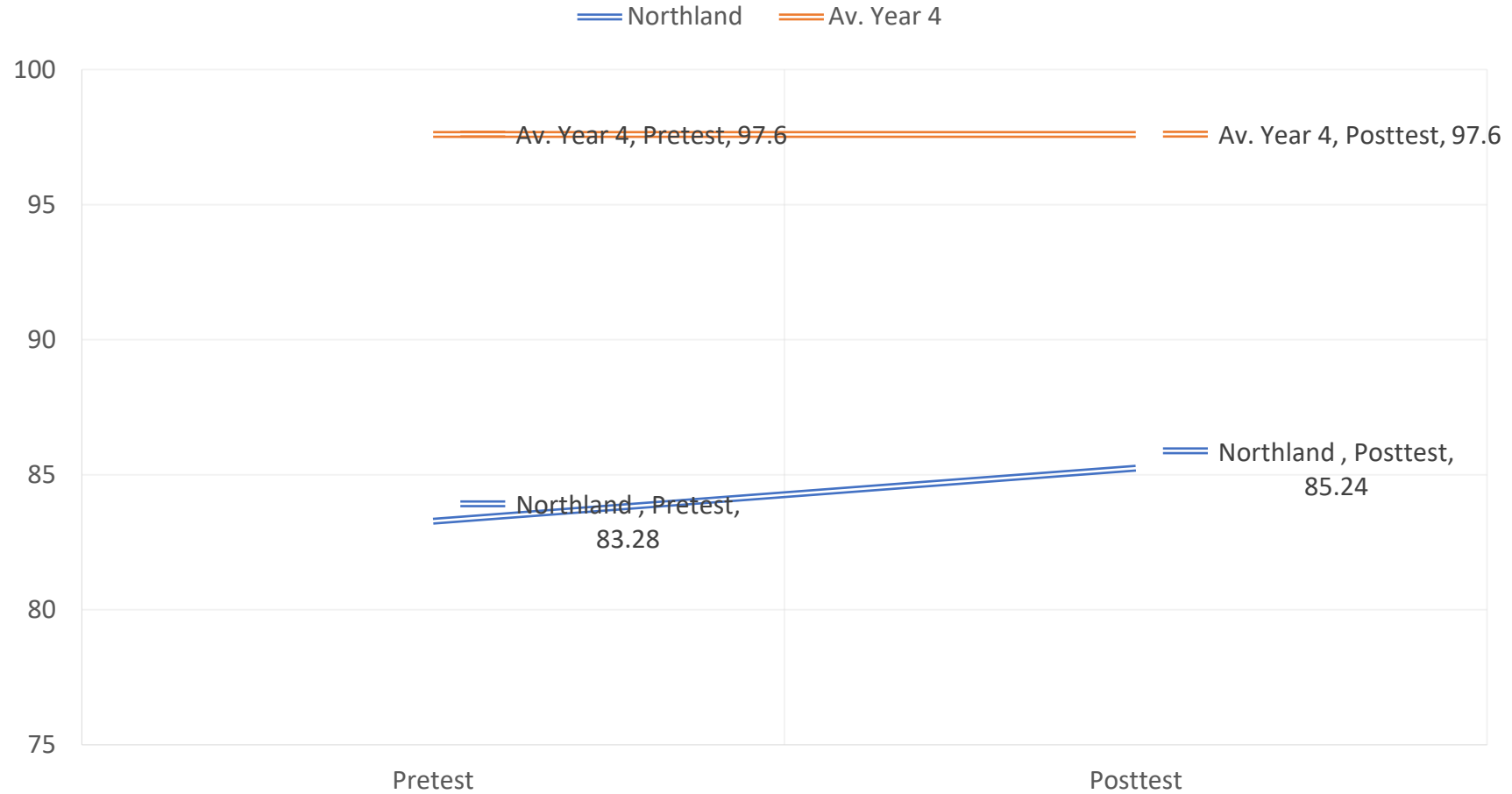
Yr. 4 Reading Progress – Ability Levels



Year 4: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	7.09	7.23	+ 0.14
Sentence Comp.	5.06	5.05	- 0.01
Paragraph Comp.	8.08	5.97	- 2.11
Vocabulary	3.83	5.10	+ 1.27

Northland Schools Year 4 & Average Year 4



Overall Results: Reading Year 5

Year	N	Pre Mean SS	Post Mean SS	Difference	Average progress STAR Year 5 - 6
5	173	98.49	100.74	+ 2.25	+ 0.95 per month
<i>2018/2019</i>		<i>98.16</i>	<i>101.97</i>	<i>+ 3.81</i>	
<i>2017/2018</i>		<i>101.21</i>	<i>105.31</i>	<i>+ 4.10</i>	
				<i>Greater than expected progress</i>	+ 2.37 over 2 ½ months
Gender					
Female	79	102.25	104.57	+ 2.32	
Male	94	95.33	97.53	+ 2.20	

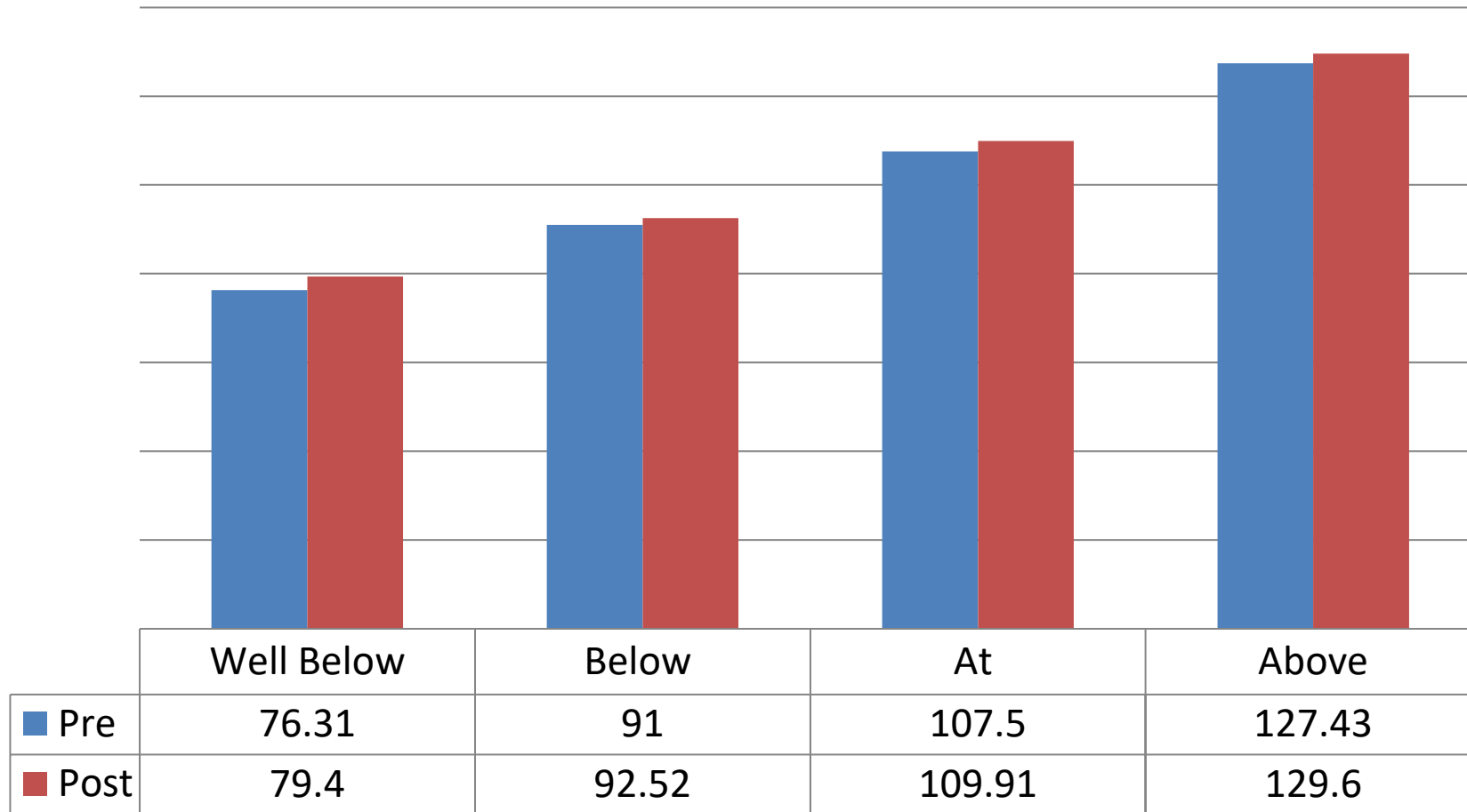
Year 5: Ethnicity

	N	Pre Mean	Post Mean	Difference
Māori	134	96.34	98.69	+ 2.35
NZ European	36	105.40	107.51	+ 2.11
CI Maori	1	109.70	109.70	
Other	2	112.35	111.75	- 0.60

Year 5: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress
Well Below	30	76.31	79.40	+ 3.09	
Below	51	91.00	92.52	+ 1.52	
At	81	107.50	109.91	+ 2.41	
Above	11	127.43	129.60	+ 2.17	

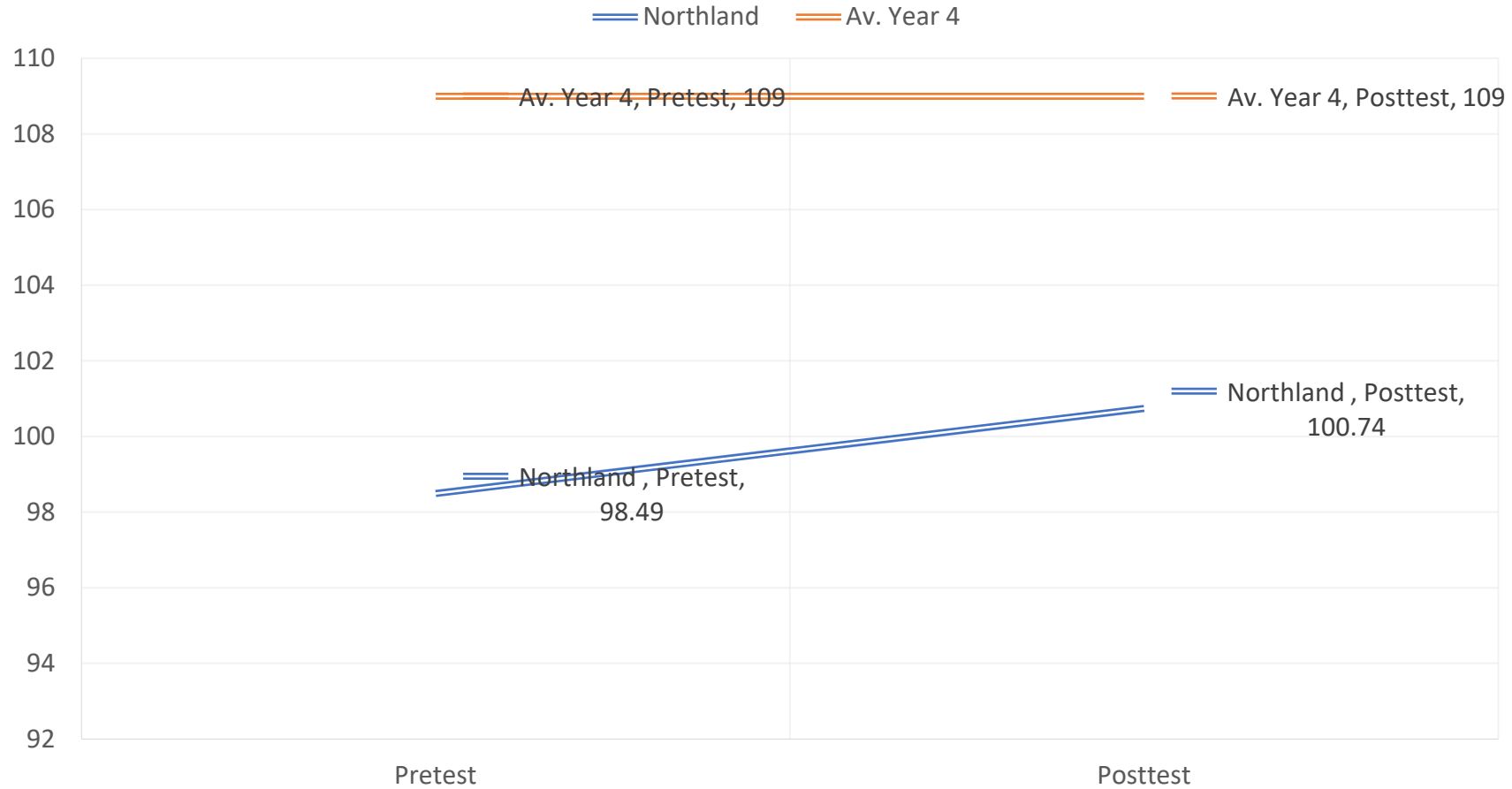
Yr. 5 Reading Progress – Ability Levels



Year 5: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	7.22	7.43	+ 0.21
Sentence Comp.	5.58	6.23	+ 0.65
Paragraph Comp.	8.01	8.88	+ 0.87
Vocabulary	4.92	4.99	+ 0.07

Northland Schools Year 5 & Average Year 4



Student Progress vs National Averages

