

Summer Learning Programme 2020-2021

South Auckland

The Programme

- 14 primary schools – 1756 students (2459 funded)
 - Year 3 = 536
 - Year 4 = 584
 - Year 5 = 577
 - Year 6 = 59
 - Female = 888 Male = 868
- students received either 6 (higher reading levels) or 10 (lower levels) books

Objectives

To improve students' reading achievement over the summer holidays

To combat the differential and cumulative impact of summer learning loss

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
6	STAR 5 – 6 C	STAR 7 – 8 A

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	536	67.52	70.53	+ 3.01	+ 2.3 per month
<i>2019/2020</i>		<i>68.22</i>	<i>70.36</i>		
<i>2018/2019</i>		<i>68.04</i>	<i>71.03</i>		
<i>2017/2018</i>		<i>67.58</i>	<i>71.32</i>		
<i>2016/2017</i>		<i>74.53</i>	<i>74.39</i>		
<i>2015/2016</i>		<i>68.75</i>	<i>72.14</i>		
<i>2014/2015</i>		<i>66.18</i>	<i>72.05</i>		
					+ 5.75 over 2 ½ months
Gender					
Female	286	68.22	71.19	+ 2.97	
Male	250	66.73	69.76	+ 3.03	

Year 3: Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Māori	123	63.11	66.66	+ 3.55
Samoan	147	68.44	70.43	+ 1.99
Tongan	110	66.49	70.50	+ 4.01
CI Māori	60	66.73	67.76	+ 1.03
Fijian	29	73.43	76.59	+ 3.16
NZ European	18	74.03	82.08	+ 8.05
Asian	16	79.25	81.70	+ 2.45
Indian	14	69.07	71.40	+ 2.33
OPP	9	73.16	77.73	+ 4.57
Niuean	8	65.80	65.63	- 0.17
Mid. Eastern	2	85.55	100.10	+ 14.55

Ability

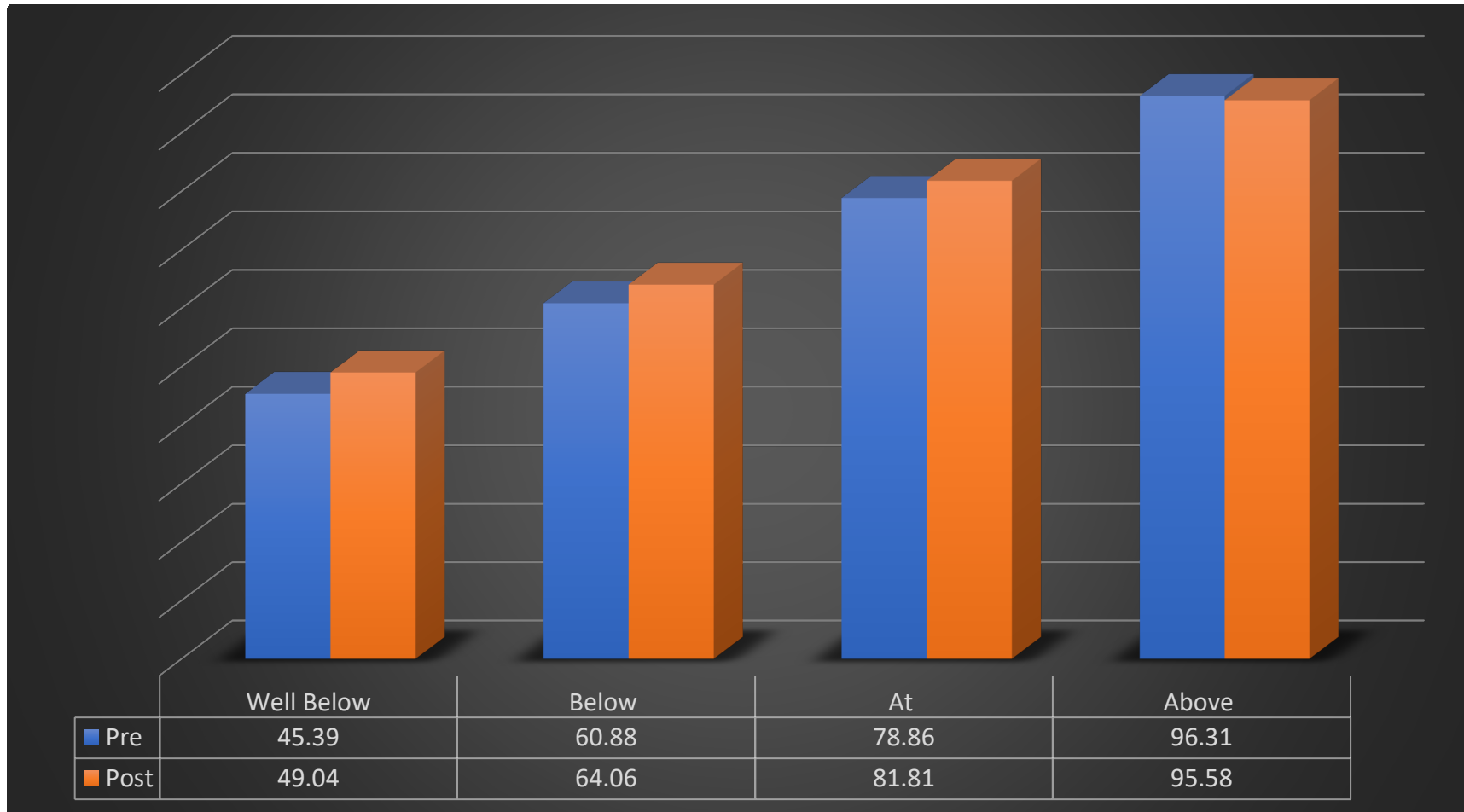
- Ability levels based on Pre-test stanines:

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	Average Progress +5.75
Well Below	99	45.39	49.04	+ 3.65	
Below	175	60.88	64.06	+ 3.18	
At	240	78.86	81.81	+ 2.95	
Above	22	96.31	95.58	- 0.73	

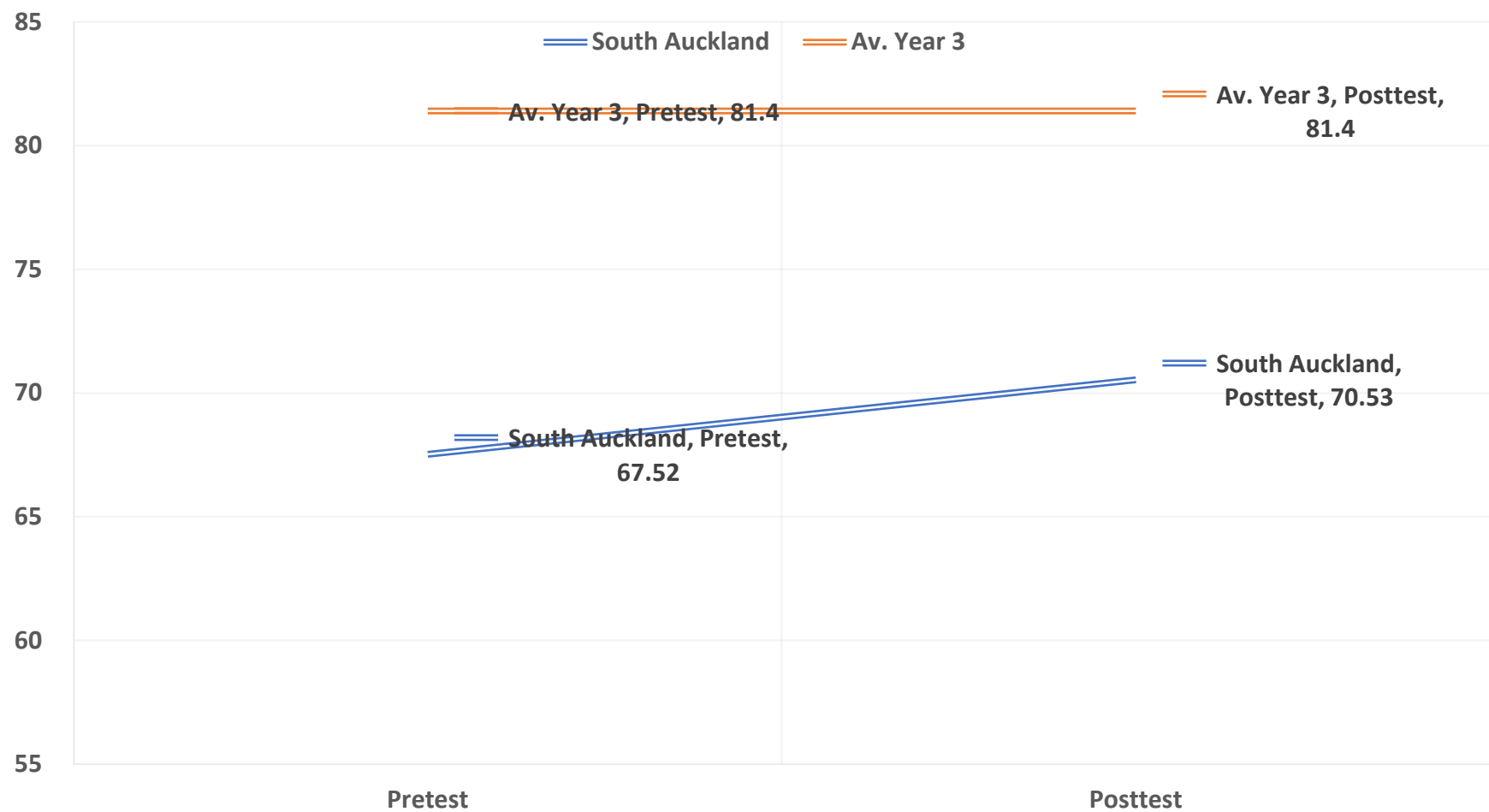
Yr. 3 Reading Progress – Ability Levels



Year 3: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	6.60	6.96	+ 0.36
Sentence Comp.	5.23	5.63	+ 0.40
Paragraph Comp.	6.31	7.18	+ 0.87
Vocabulary	4.43	4.79	+ 0.36

South Auckland 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	584	84.79	90.50	+ 5.71	+ 1.35 per month
2019/2020		84.29	87.37		
2018/2019		84.03	87.17		
2017/2018		84.93	89.46		
2016/2017		83.51	87.39		
2015/2016		83.22	87.01		
2014/2015		85.80	90.26		
				Greater than expected progress	+ 3.37 over 2 ½ months
Gender					
Female	304	86.74	93.41	+ 6.67	
Male	280	82.66	87.34	+ 4.68	

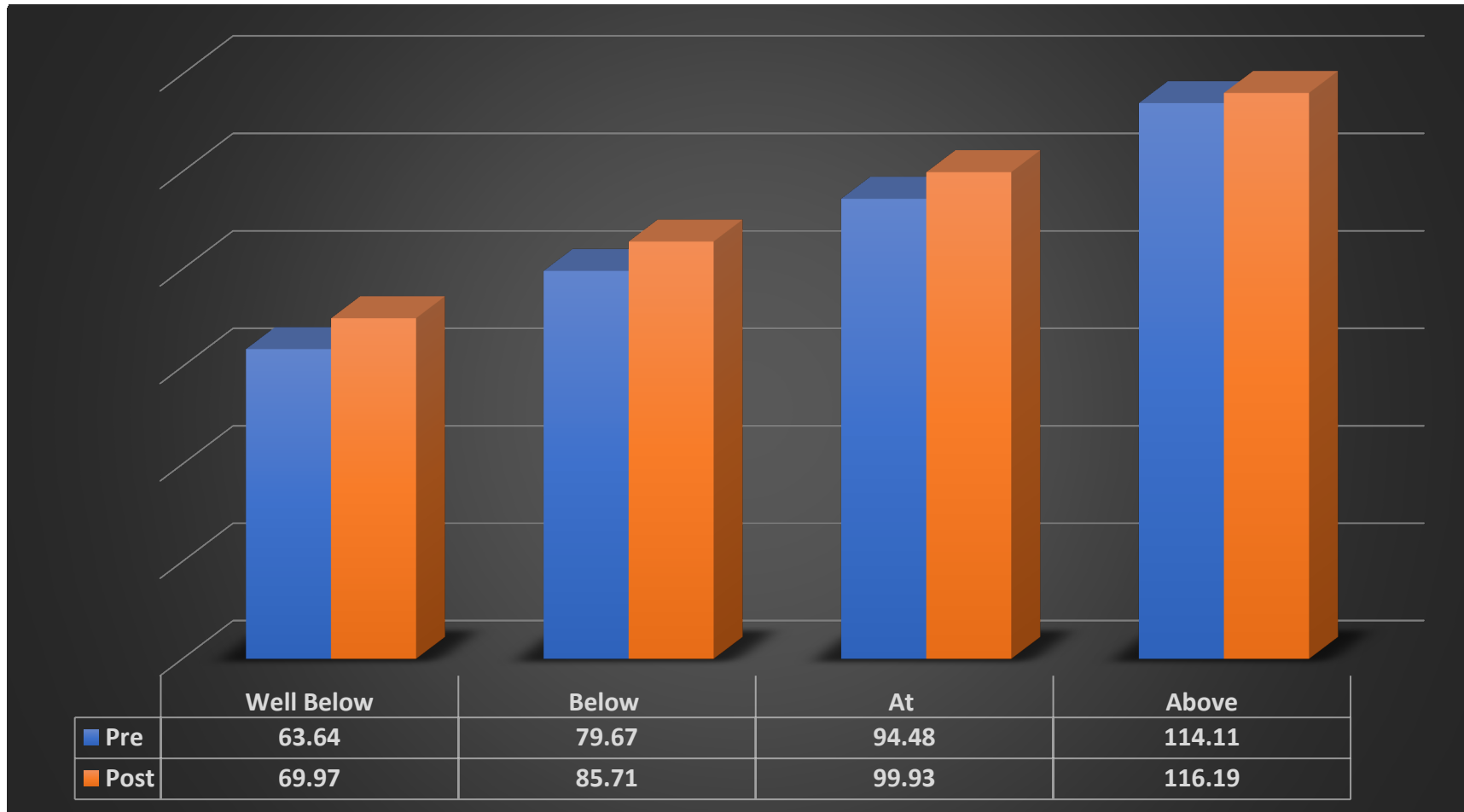
Year 4: Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Māori	125	81.46	87.61	+ 6.15
Samoan	171	86.76	91.95	+ 5.19
Tongan	92	83.31	89.70	+ 6.39
CI Māori	68	80.87	85.85	+ 4.98
Fijian	36	89.85	94.64	+ 4.79
Indian	26	88.70	94.66	+ 5.96
Niuean	19	84.93	92.72	+ 7.79
NZ European	14	89.29	97.32	+ 8.03
Asian	13	87.33	95.10	+ 7.77
OPP	10	90.34	92.14	+ 1.80
Mid. Eastern	7	89.28	93.41	+ 4.13
Other	3	87.86	94.83	+ 6.97

Year 4: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress +3.37
Well Below	95	63.64	69.97	+ 6.33	
Below	203	79.67	85.71	+ 6.04	
At	272	94.48	99.93	+ 5.45	
Above	14	114.11	116.19	+ 2.08	

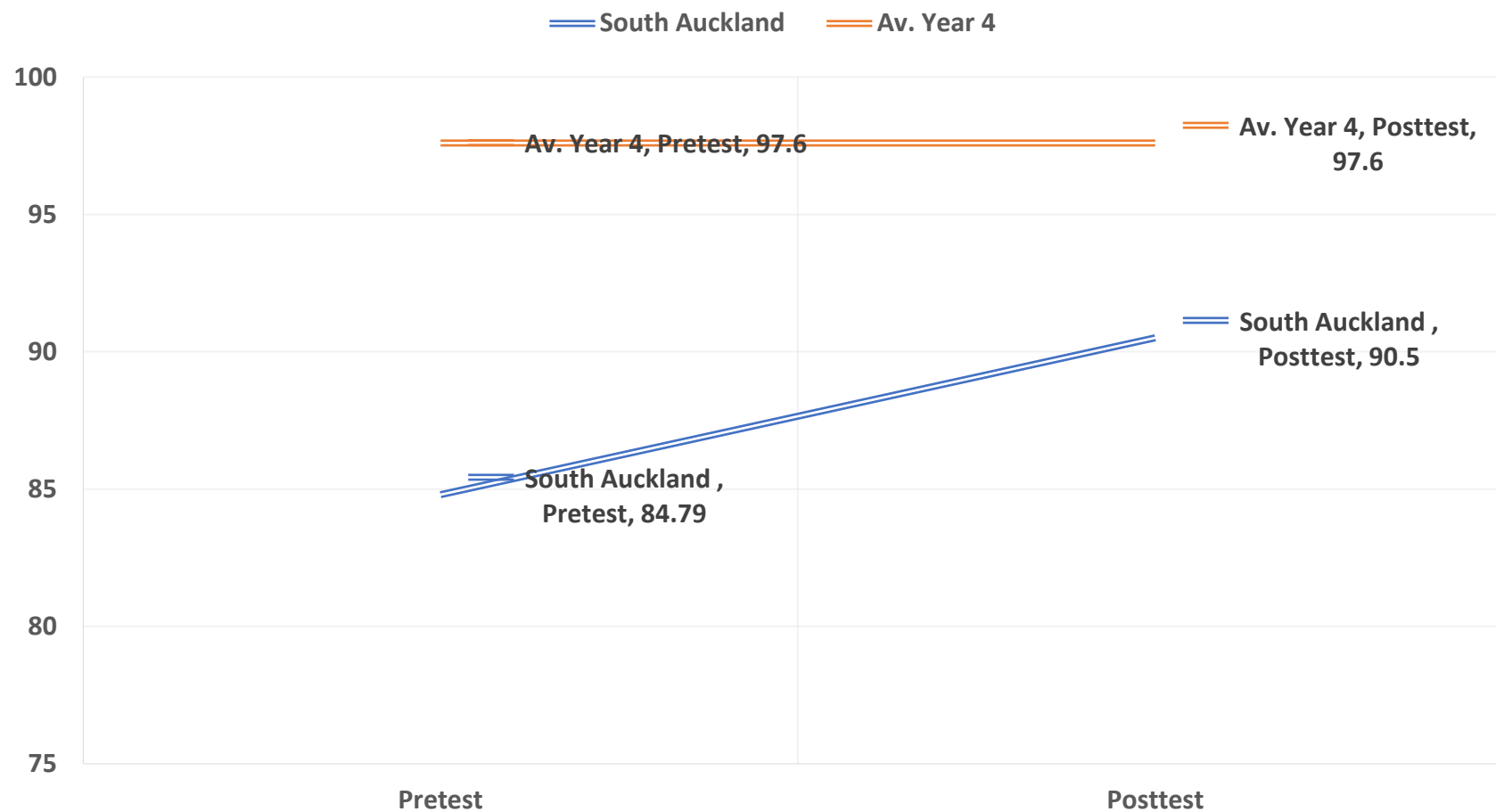
Yr. 4 Reading Progress – Ability Levels



Year 4: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	7.43	8.00	+ 0.57
Sentence Comp.	5.11	5.90	+ 0.79
Paragraph Comp.	9.21	7.44	- 1.77
Vocabulary	3.75	5.95	+ 2.20

South Auckland 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	577	97.16	100.82	+ 3.66	+ 0.95 per month
2019/2020		98.06	100.85		
2018/2019		97.09	101.04		
2017/2018		96.80	100.24		
2016/2017		96.50	99.17		
2015/2016		97.81	102.24		
				Greater than expected progress	+ 2.37 over 2 ½ months
Gender					
Female	273	99.58	103.29	+ 3.71	
Male	304	94.99	98.60	+ 3.61	

Year 5: Ethnicity

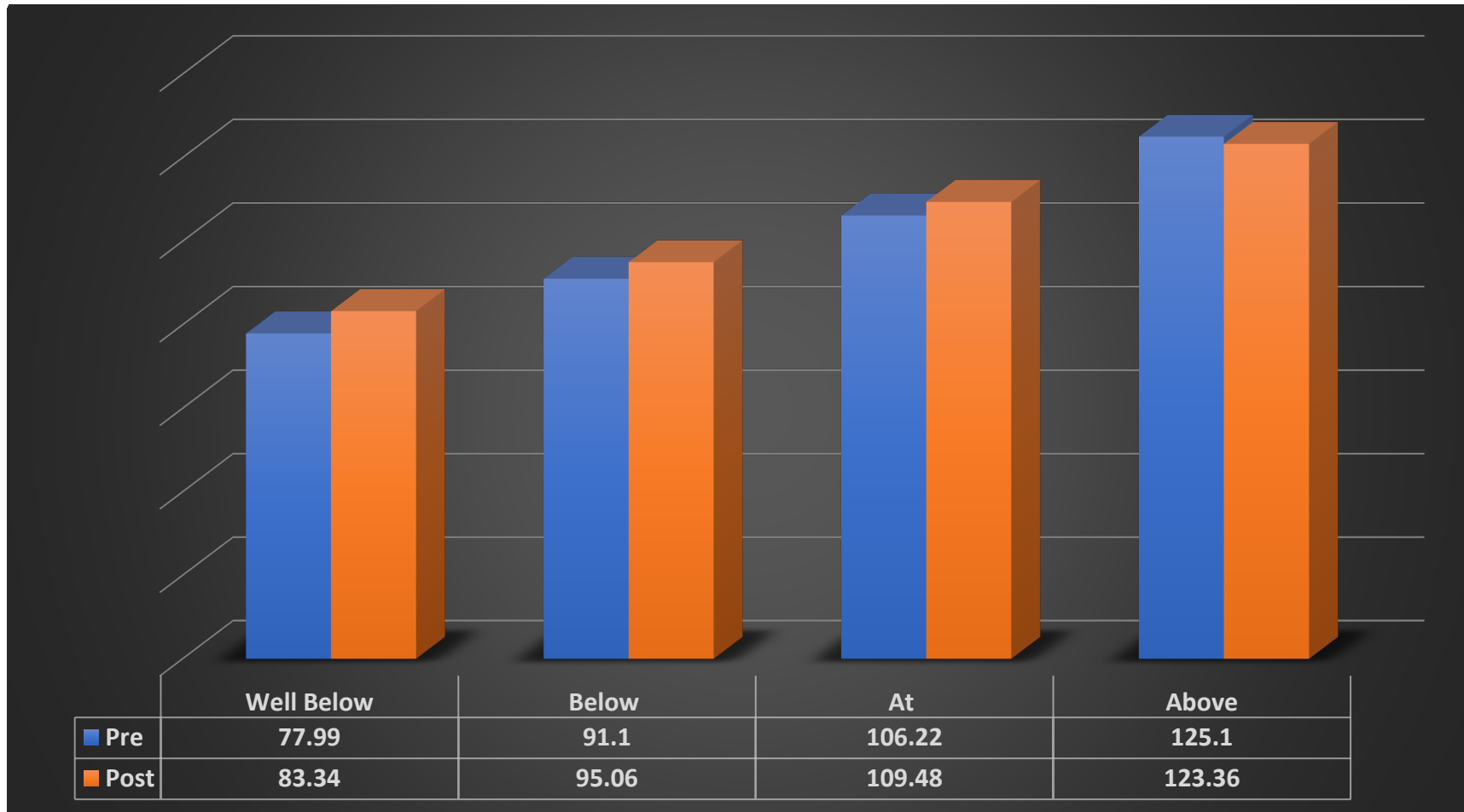
	N	Pre Mean	Post Mean	Difference
NZ Māori	118	97.65	100.70	+ 3.05
Samoaan	177	96.50	101.15	+ 4.65
Tongan	101	95.49	99.47	+ 3.98
CI Māori	71	96.90	99.80	+ 2.90
Fijian	36	101.86	104.45	+ 2.59
Niuean	18	97.31	100.15	+ 2.84
Indian	17	98.98	103.47	+ 4.49
Asian	16	99.33	101.70	+ 2.37
NZ European	10	98.41	99.76	+ 1.35
OPP	5	93.84	97.84	+ 4.0
Mid. Eastern	5	106.52	109.50	+ 2.98
Other	3	86.73	90.06	+ 3.33

Year 5: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress +2.37
Well Below	75	77.99	83.34	+ 5.35	
Below	228	91.10	95.06	+3.96	
At	256	106.22	109.48	+ 3.26	
Above*	18	125.10	123.36	- 1.74	

* One student dropped 16 scale score points at post test

Yr. 5 Reading Progress – Ability Levels



Year 5: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	7.75	8.19	+ 0.44
Sentence Comp.	5.57	6.15	+ 0.58
Paragraph Comp.	6.85	8.52	+ 1.67
Vocabulary	4.80	5.12	+ 0.32

South Auckland Schools Year 5 & Average Year 5



Overall Results: Reading Year 6

Year	N	Pre Mean SS	Post Mean SS	Difference	Average progress STAR Year 6 - 7
6	59	106.45	107.05	+ 0.60	+ 0.74 per month
<i>2019/2020</i>		<i>108.28</i>	<i>109.55</i>		
<i>2018/2019</i>		<i>105.16</i>	<i>106.3</i>		
<i>2017/2108</i>		<i>106.98</i>	<i>107.55</i>		
					+ 1.85 over 2 ½ months
Gender					
Female	25	110.19	109.65	- 0.54	
Male	34	103.70	105.15	+ 1.45	

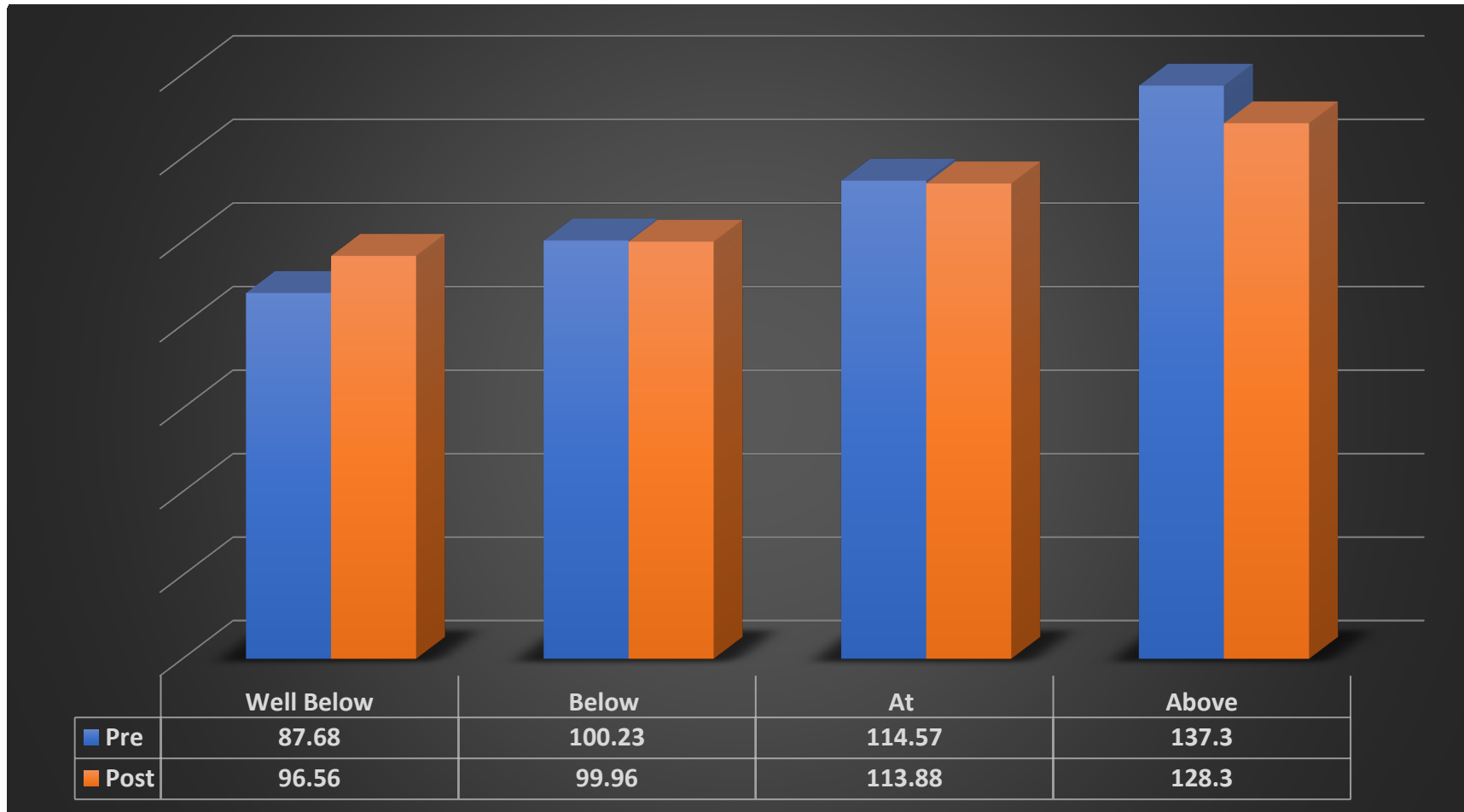
Year 6: Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Māori	6	100.76	103.61	+ 2.85
Samoan	21	104.47	106.58	+ 2.11
CI Māori	12	109.93	109.40	- 0.53
Tongan	11	108.68	106.64	- 2.04
Niuean	5	109.44	109.34	- 0.10
Asian	3	111.03	106.10	- 4.93
OPP	1	87.10	105.70	+ 18.60

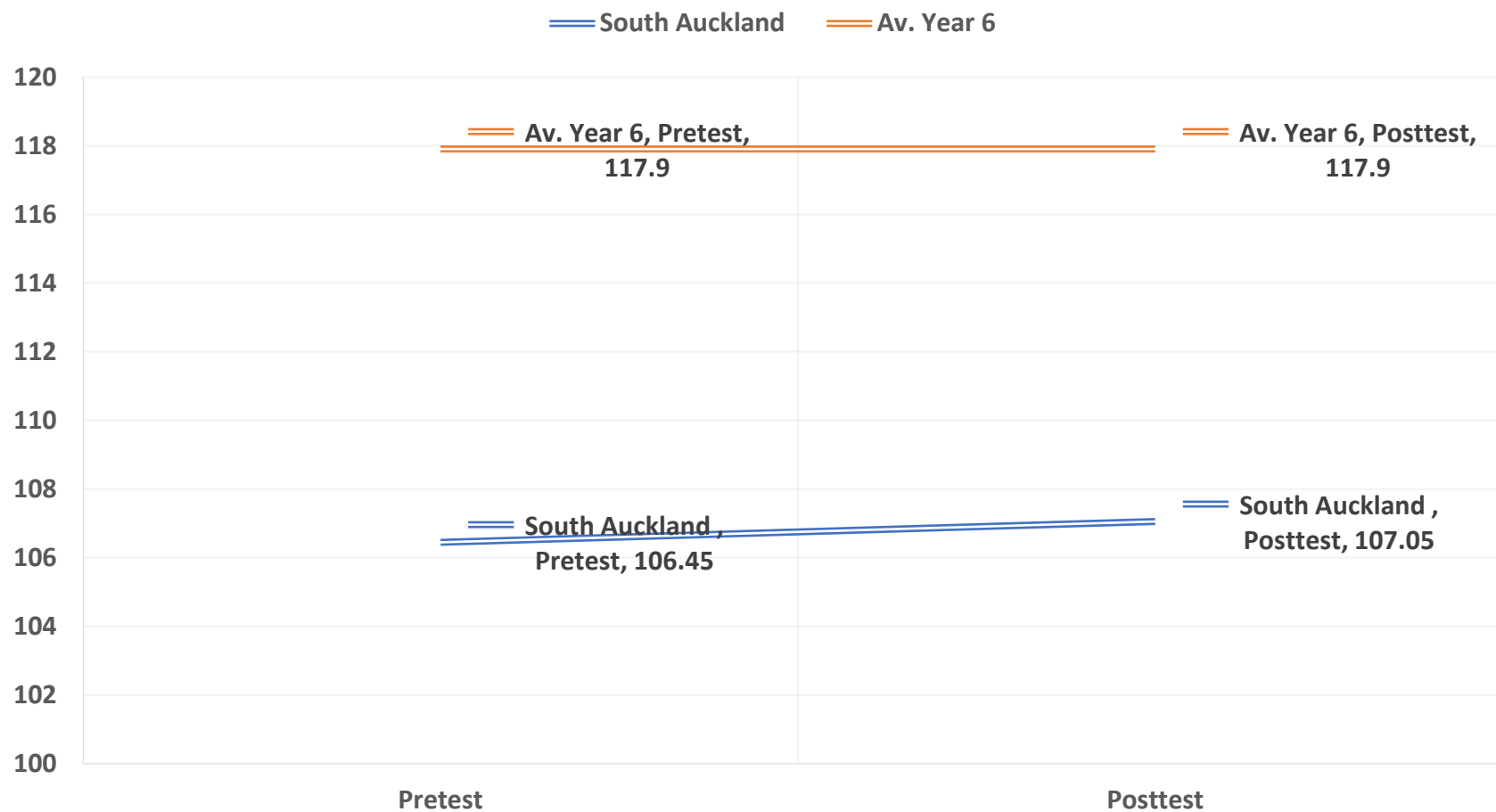
Year 6: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress +1.85
Well Below	8	87.68	96.56	+ 8.88	
Below	20	100.23	99.96	- 0.27	
At	30	114.57	113.88	- 0.69	
Above	1	137.30	128.30	- 9.00	

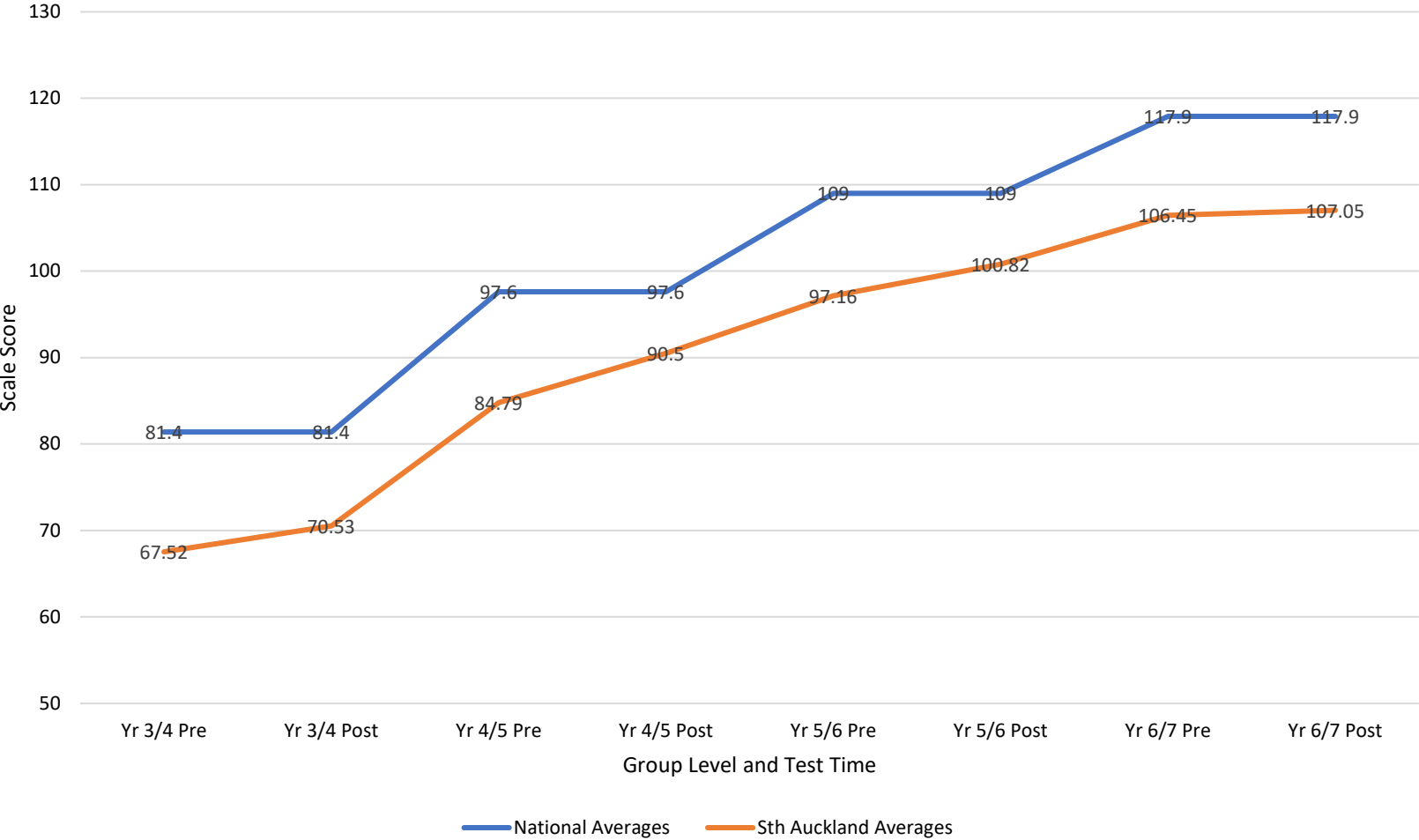
Yr. 6 Reading Progress – Ability Levels



South Auckland Schools Year 6 & Average Year 6



Student Progress v National Averages



Results Summary & Conclusions

Year 3

- the Overall, Female, Male, Well Below, Below and At groups all made mean scale score gains at post test. The mean score for all subtests also increased.
- the NZ European and Middle Eastern groups made greater than expected progress. The mean score for the Niuean group decreased slightly at post test. All other ethnicity groups increased.
- the Above group decreased at post test

Year 4

- greater than expected progress was achieved in nearly all of the Year 4 analysis
- the mean scale scores for the OPP and Above groups increased at post test
- the mean score for subtest 3 decreased at post test

Year 5

- greater than expected progress was achieved in nearly all of the Year 5 analysis
- the mean scale score for the NZ European group increased at post test
- mean scores in subtests 1, 2 & 4 increased while subtest 3 decreased slightly
- the Above group decreased at post test – one student dropped 16 scale score points at post test

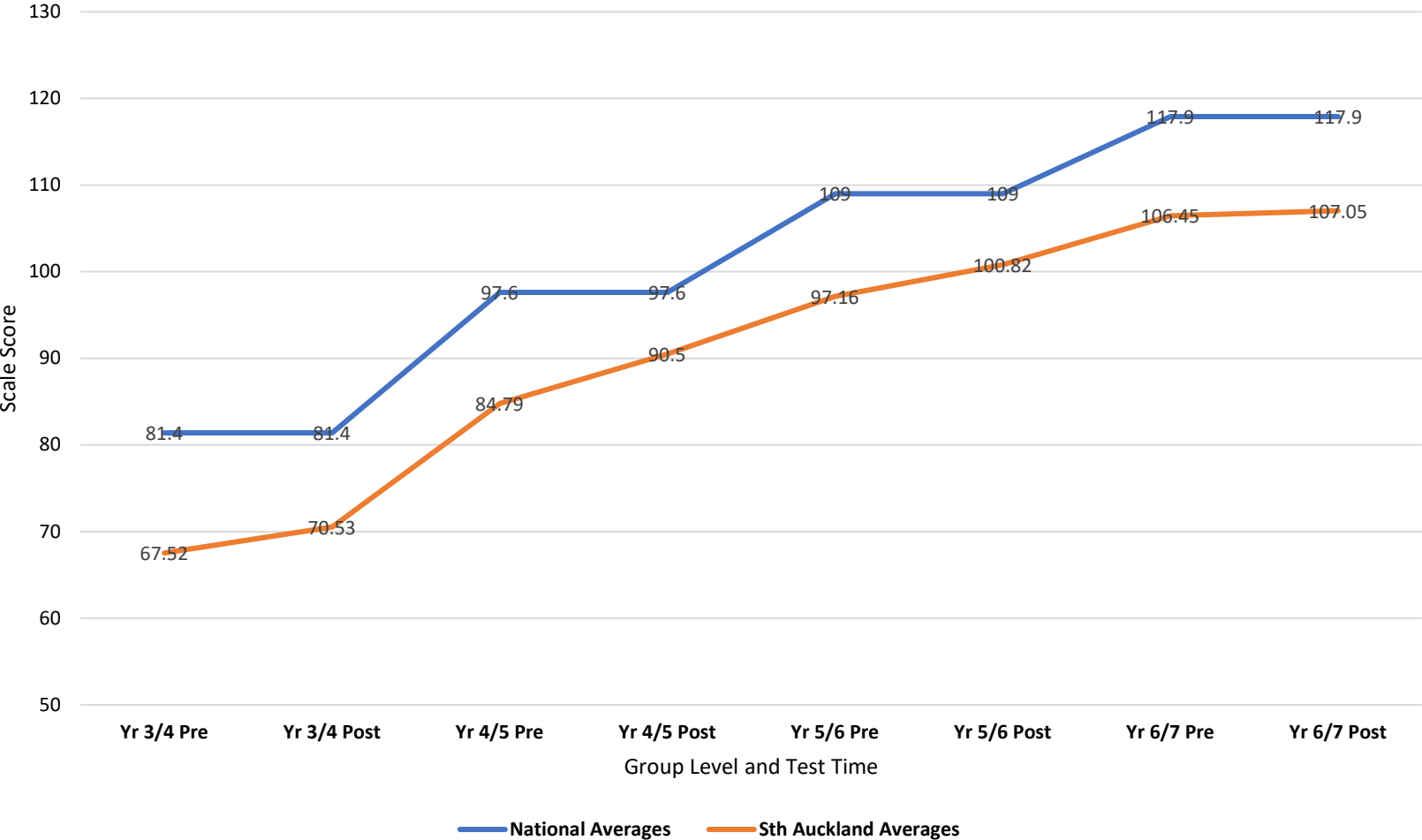
Year 6

- mean scale scores for the Overall and Male groups increased at post test, the Female group dropped slightly
- greater than expected progress was made by the NZ Māori, Samoan, OPP (1 student), and Well Below groups
- all other ethnicity groups as well as the Below, At and Above groups decreased at post test
- subtest results are not reported as STAR 7 – 8 tests have 6 subtests and so a direct comparison with the pretest (STAR 5 – 6 C) cannot be made

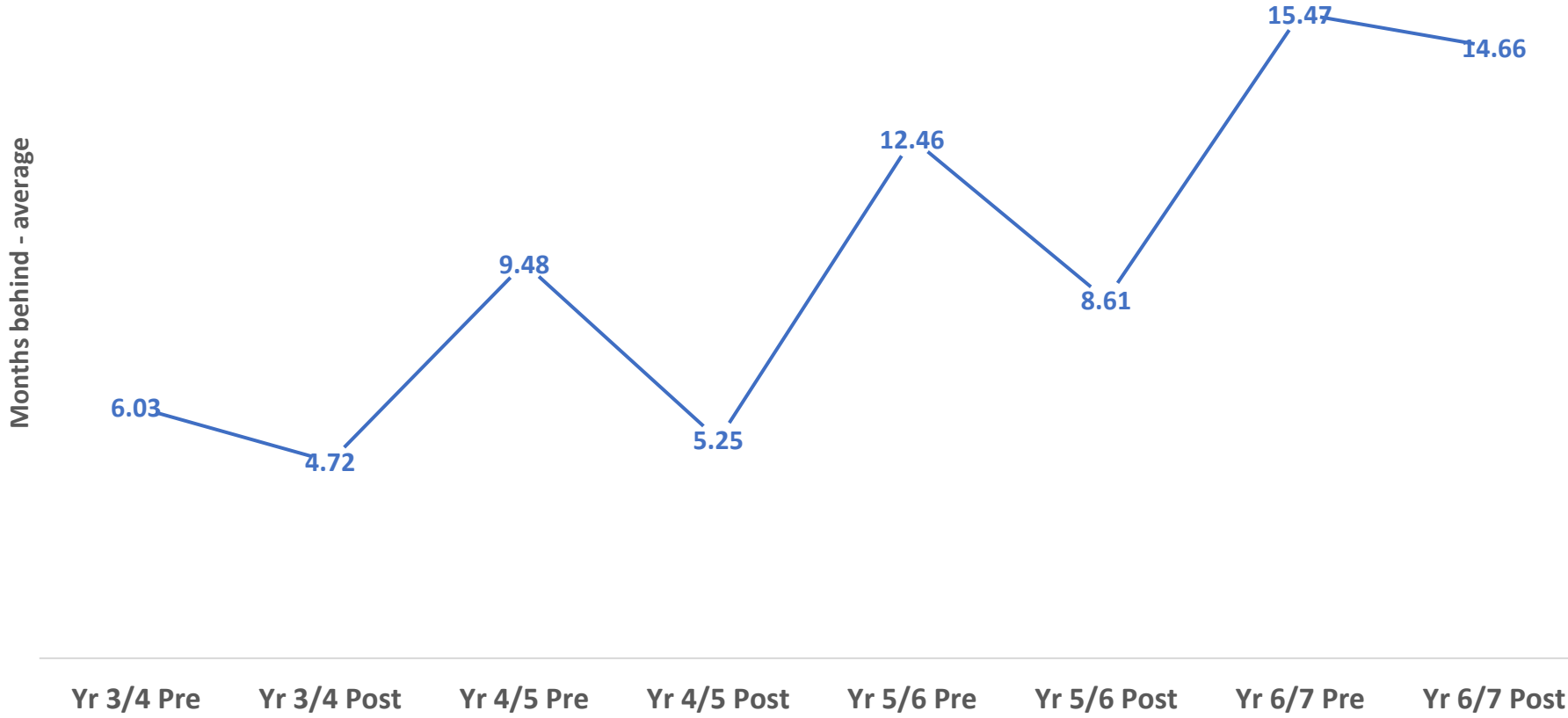
Student Progress v National Averages – South Auckland

	Yr 3/4 Pre	Yr 3/4 Post	Yr 4/5 Pre	Yr 4/5 Post	Yr 5/6 Pre	Yr 5/6 Post	Yr 6/7 Pre	Yr 6/7 Post
National Averages	81.4	81.4	97.6	97.6	109	109	117.9	117.9
South Auckland Averages	67.52	70.53	84.79	90.50	97.16	100.82	106.45	107.05
Difference	13.88	10.87	12.81	7.10	11.84	8.18	11.45	10.85
Expected Prog/Mth	2.3	2.3	1.35	1.35	0.95	0.95	0.74	0.74
Average Numbers Behind in Reading								
	Yr 3/4 Pre	Yr 3/4 Post	Yr 4/5 Pre	Yr 4/5 Post	Yr 5/6 Pre	Yr 5/6 Post	Yr 6/7 Pre	Yr 6/7 Post
Months Behind Ave	6.03	4.72	9.48	5.25	12.46	8.61	15.47	14.66

Student Progress v National Averages



AVERAGE NUMBER OF MONTHS BEHIND



Discussion