

Summer Learning Programme 2019-2020

South Auckland

The Programme

- 12 primary schools – 1664 students (more students received books however there is pre and post data for)
 - Year 3 = 516
 - Year 4 = 612
 - Year 5 = 486
 - Year 6 = 50
 - Female = 785 Male = 879
- 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

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
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	516	68.22	70.36	+ 2.14	+ 2.3 per month
<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	246	71.96	73.83	+ 1.87	
Male	270	64.80	67.20	+ 2.40	

Year 3 Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Maori	128	66.40	68.23	+ 1.83
Samoan	144	69.31	71.35	+2.04
Tongan	81	67.51	68.70	+1.19
CI Maori	67	66.11	68.71	+2.60
Fijian	33	73.75	77.19	+3.44
Niuean	15	64.12	66.98	+ 2.86
Indian	12	73.26	76.09	+ 2.83
Mid. Eastern	6	67.55	71.60	+4.05
Asian	3	57.33	65.30	+7.97
Other SE Asian	12	72.62	74.01	+ 1.39
NZ European	6	70.96	78.55	+ 7.59
OPP	6	76.65	75.96	- 0.69
Other	3	71.13	74.83	+ 3.70

Ability

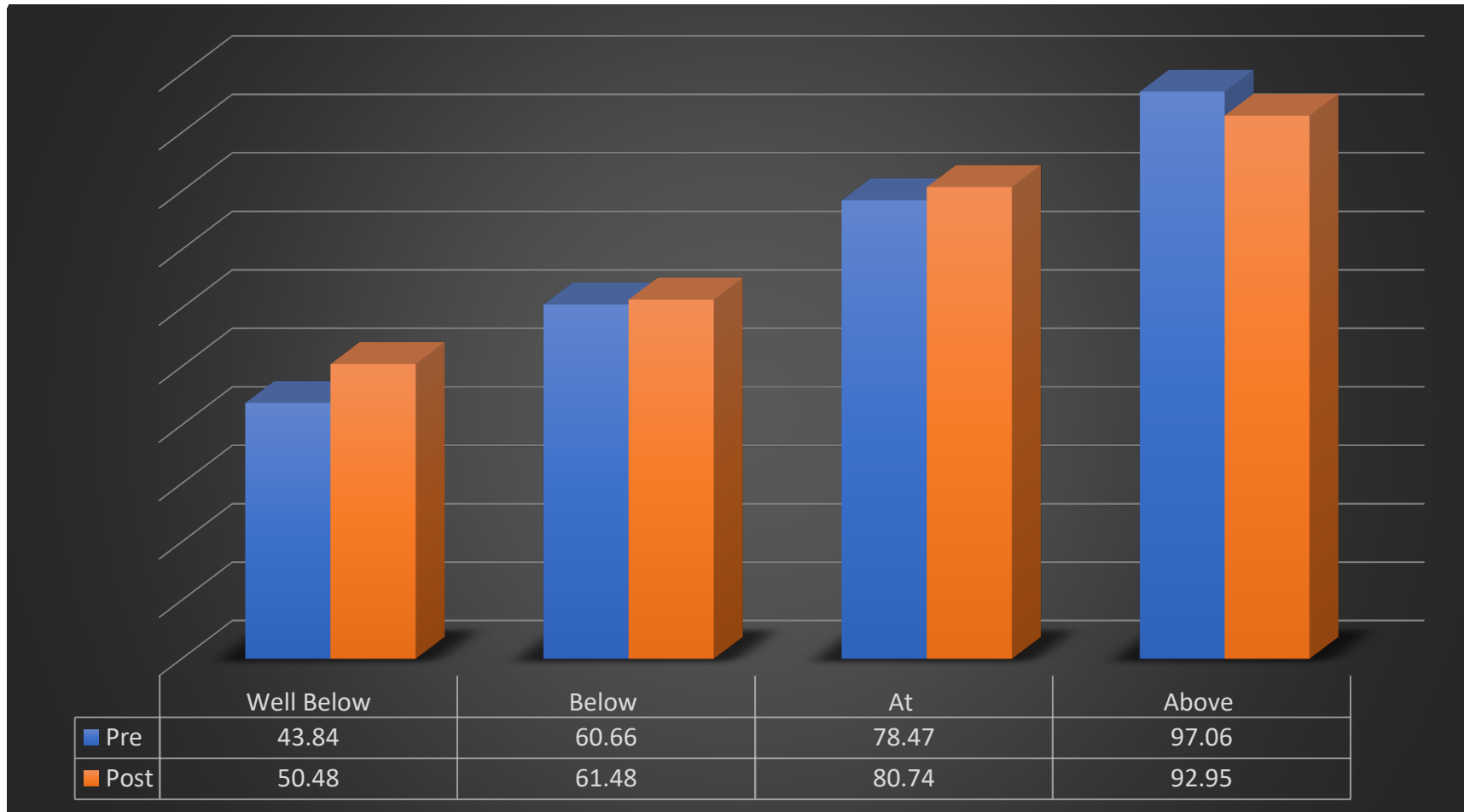
- Ability levels based on Pre-test stanines:

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	73	43.84	50.48	+ 6.64	<i>Greater than expected progress</i>
Below	176	60.66	61.48	+ 0.82	
At	247	78.47	80.74	+ 2.27	
Above	20	97.06	92.95	- 4.11	

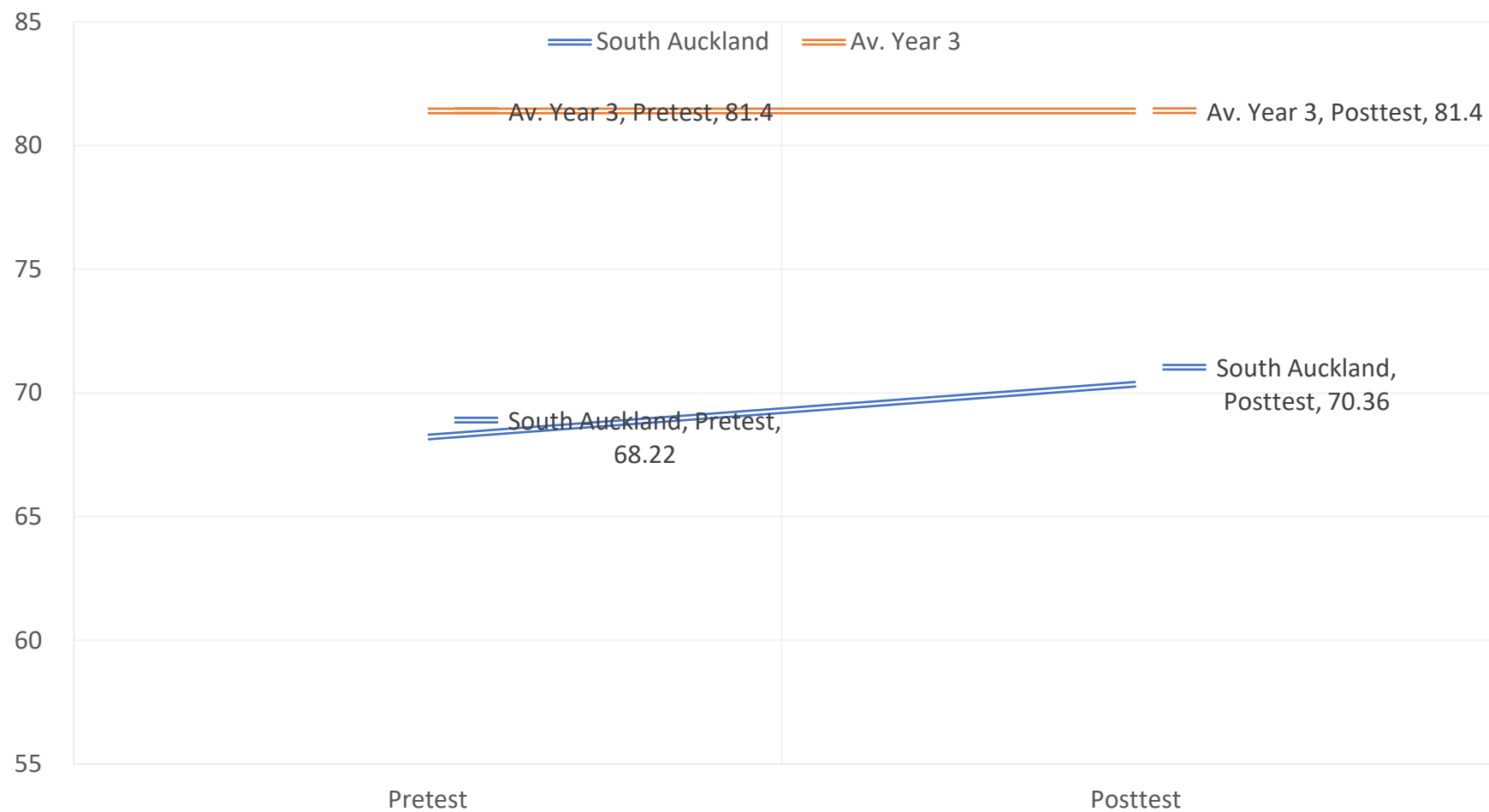
Yr. 3 Reading Progress – Ability Levels



Year 3: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	6.70	7.03	+ 0.33
Sentence Comp.	5.19	5.52	+ 0.33
Paragraph Comp.	6.49	6.87	+ 0.38
Vocabulary	4.71	4.97	+ 0.26

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	612	84.29	87.37	+ 3.08	+ 1.35 per month
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	283	86.90	90.16	+ 3.26	
Male	329	82.04	84.97	+ 2.93	

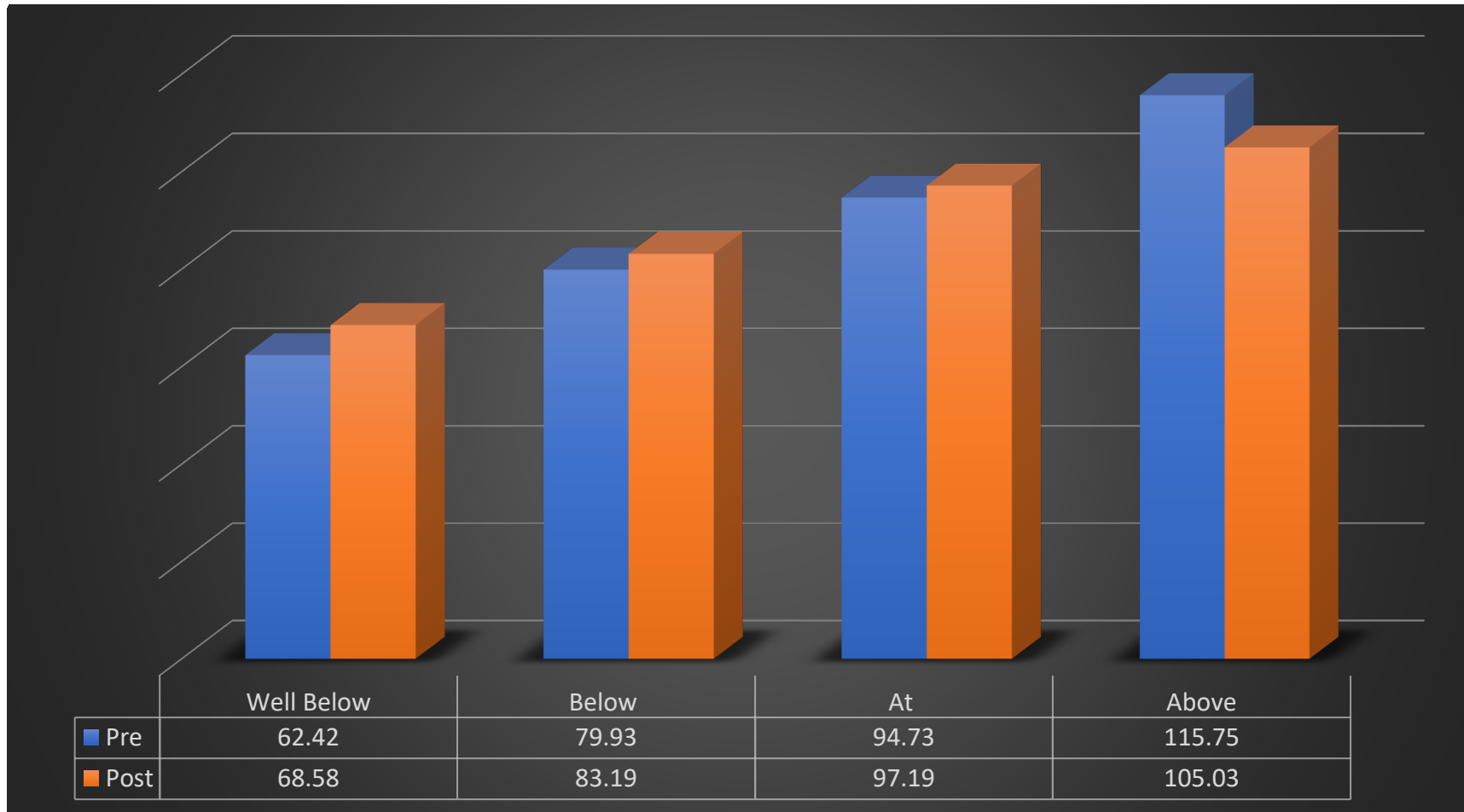
Year 4 Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Māori	134	81.07	84.26	+ 3.19
Samoan	172	86.53	88.80	+ 2.27
Tongan	126	84.07	87.60	+ 3.53
CI Māori	79	82.34	84.84	+2.50
Fijian	35	90.12	95.14	+ 5.02
Niuean	18	82.92	84.32	+ 1.40
Indian	14	86.80	92.97	+ 6.17
Other SE Asian	11	91.74	94.10	+ 2.36
Other	1	69.10	74.70	+ 5.60
NZ European	10	84.20	88.69	+ 4.49
OPP	7	75.44	83.17	+ 7.73
Mid Eastern	5	85.88	87.92	+ 2.04

Year 4: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress +3.37
Well Below	100	62.42	68.58	+ 6.16	
Below	232	79.93	83.19	+ 3.26	
At	259	94.57	97.29	+ 2.46	
Above	14	116.34	113.08	- 10.72	

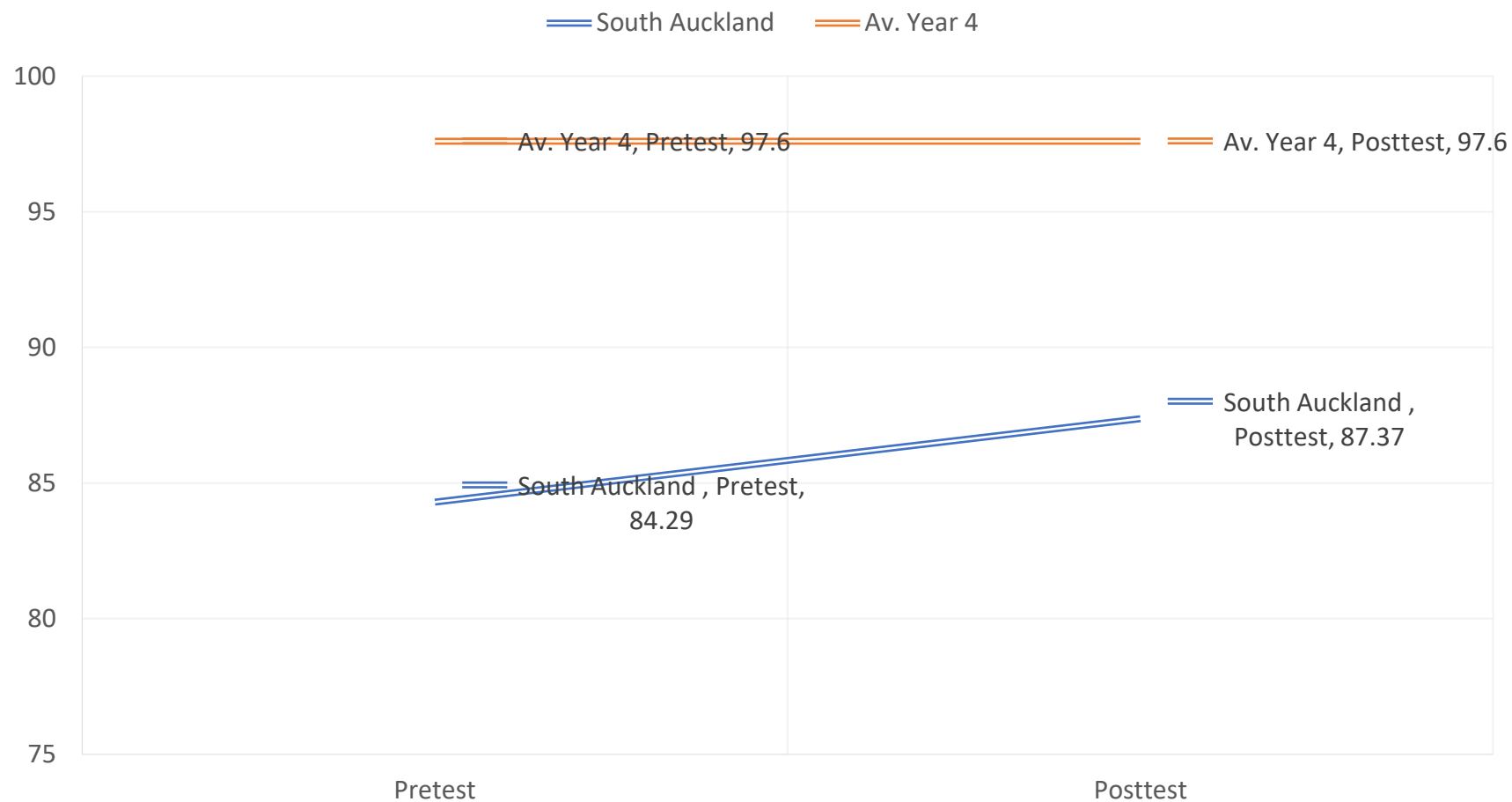
Yr. 4 Reading Progress – Ability Levels



Year 4: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	7.34	7.76	+ 0.42
Sentence Comp.	5.06	5.35	+ 0.29
Paragraph Comp.	9.13	6.88	- 2.25
Vocabulary	3.60	5.34	+ 1.74

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	486	98.06	100.85	+ 2.79	+ 0.95 per month
<i>2018/2019</i>		<i>97.09</i>	<i>101.04</i>		
<i>2017/2018</i>		<i>96.80</i>	<i>100.24</i>		
<i>2016/2017</i>		<i>96.50</i>	<i>99.17</i>		
<i>2015/2016</i>		<i>97.81</i>	<i>102.24</i>		
				<i>Greater than expected progress</i>	+ 2.37 over 2 ½ months
Gender					
Female	231	100.39	103.06	+ 2.67	
Male	255	95.95	98.85	+ 2.90	

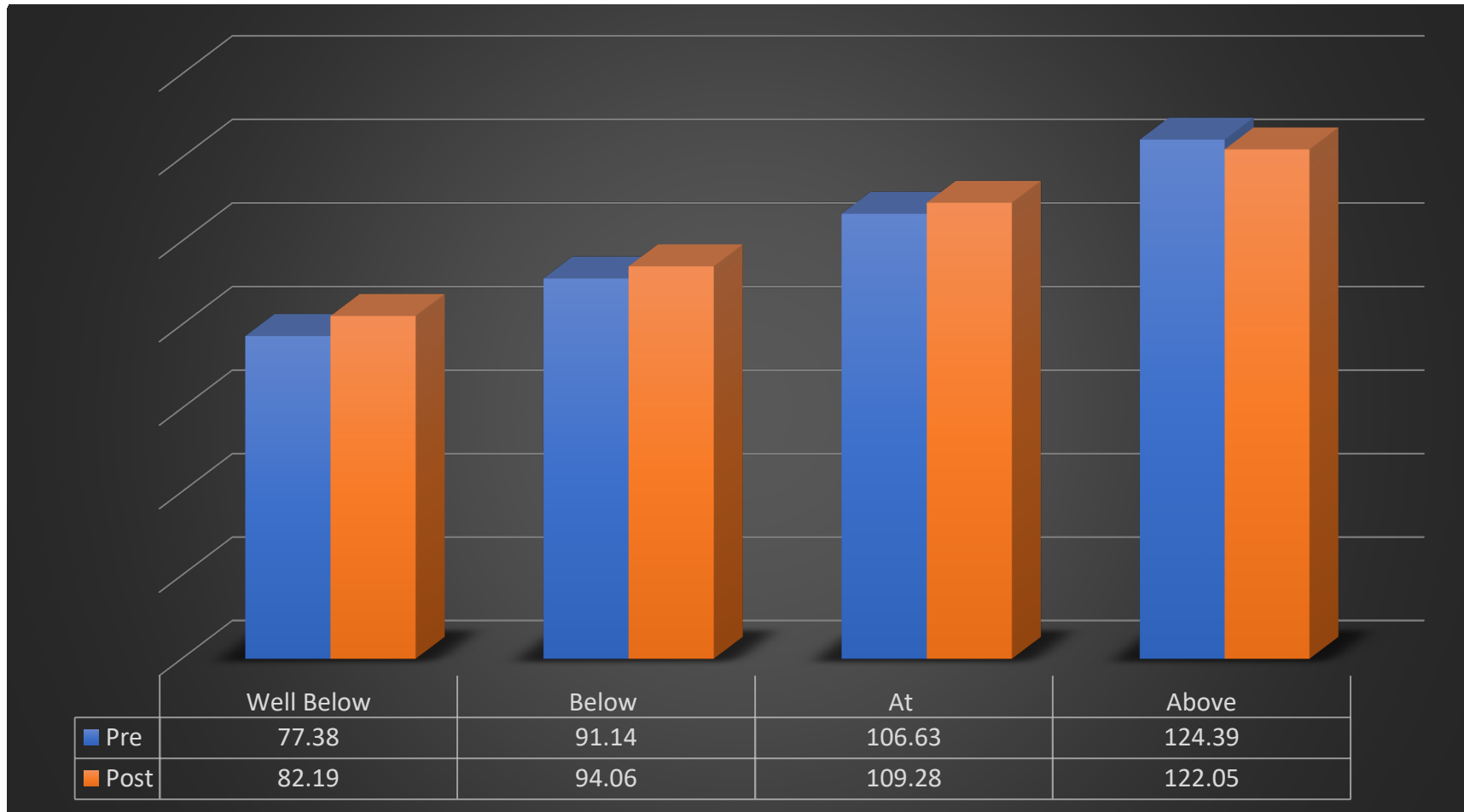
Year 5 Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Māori	79	99.36	102.82	+ 3.46
Samoaan	164	98.20	101.38	+ 3.18
Tongan	100	95.41	98.31	+ 2.90
CI Māori	66	96.98	97.82	+ 0.84
Fijian	27	101.96	103.90	+ 1.94
Niuean	17	97.58	101.67	+ 4.09
Other SE Asian	11	102.90	105.36	+ 2.46
Mid Eastern	3	104.33	107.40	+ 3.07
NZ European	4	119.00	119.72	+ 0.72
Indian	5	90.94	92.58	+ 1.64
OPP	2	85.20	92.80	+ 7.60
Other	6	98.26	103.10	+ 4.84
Asian	2	106.75	108.65	+ 1.90

Year 5: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress +2.37
Well Below	55	77.38	82.19	+ 4.81	
Below	188	91.14	94.06	+ 2.92	
At	223	106.63	109.28	+ 2.65	
Above	20	124.39	122.05	- 2.34	

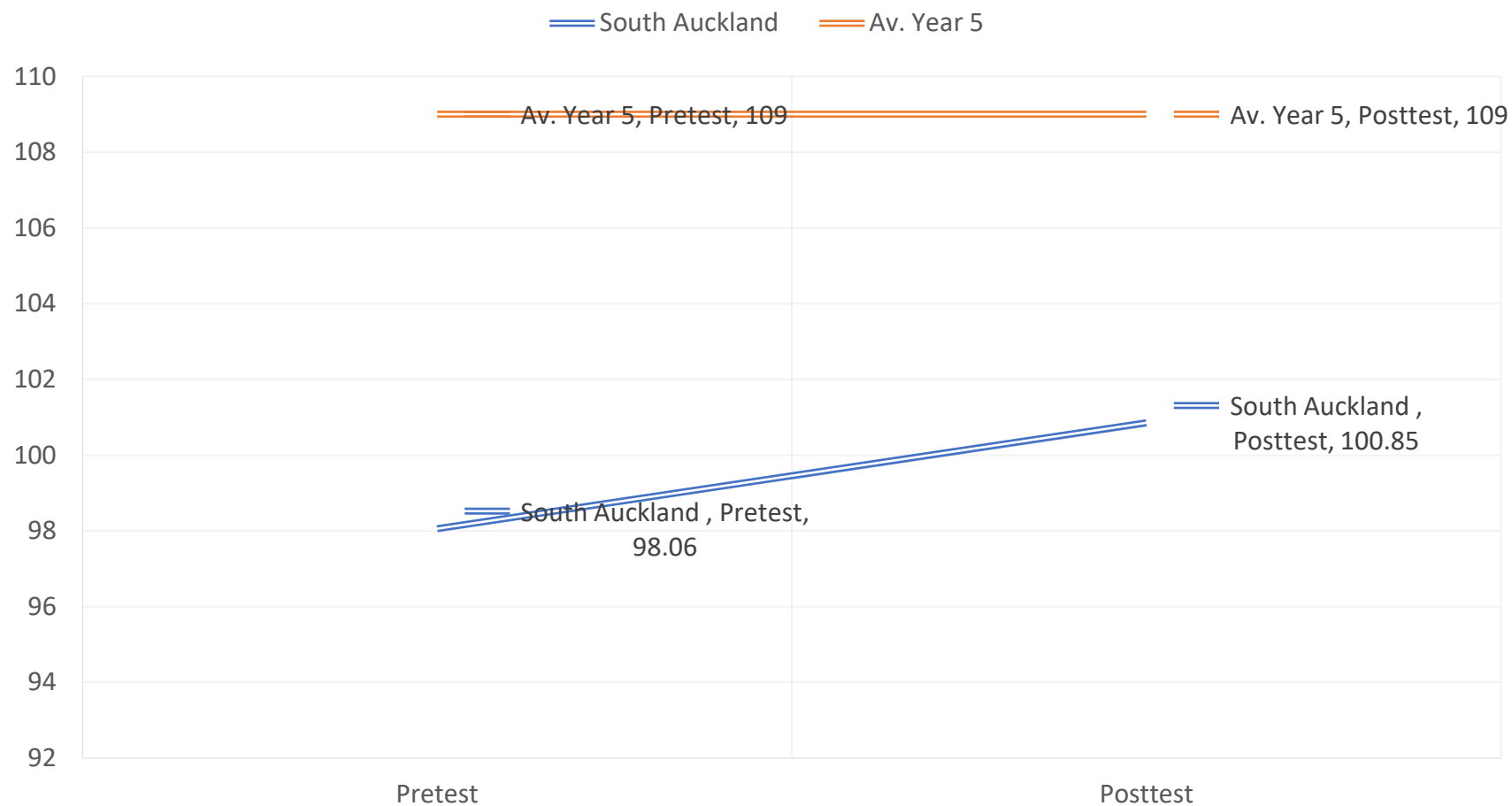
Yr. 5 Reading Progress – Ability Levels



Year 5: Subtests

Subtest	Pre Mean	Post Mean	Difference
Word Recognition	7.94	8.17	+ 0.23
Sentence Comp.	5.81	6.17	+ 0.36
Paragraph Comp.	7.34	8.59	+ 1.25
Vocabulary	4.61	4.97	+ 0.36

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 <i>2018/2019</i> <i>2017/2108</i>	50	108.28 <i>105.16</i> <i>106.98</i>	109.55 <i>106.3</i> <i>107.55</i>	+ 1.27	+ 0.74 per month
					+ 1.85 over 2 ½ months
Gender					
Female	25	107.86	109.45	+ 1.59	
Male	25	108.72	109.65	+ 0.93	

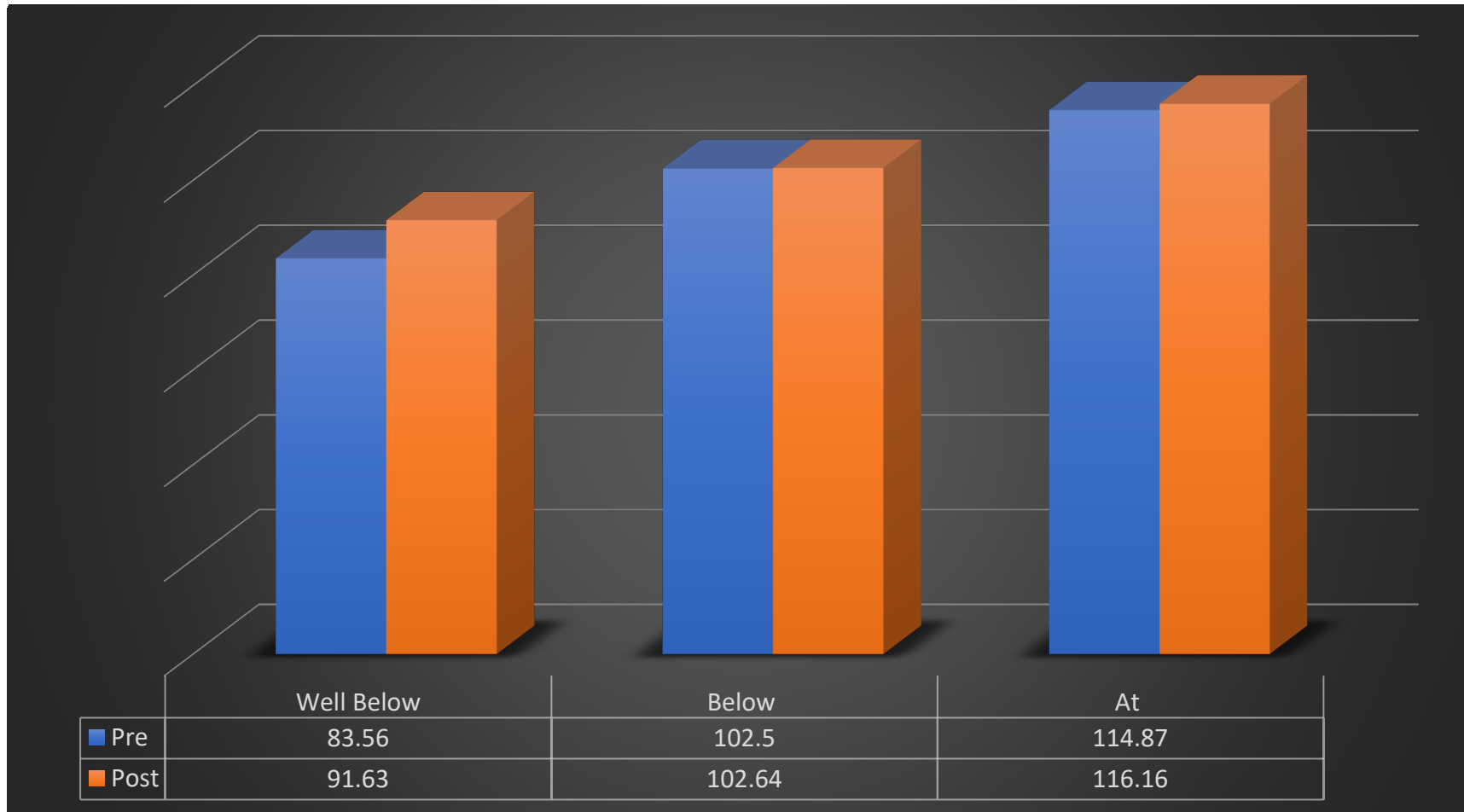
Year 6 Ethnicity

	N	Pre Mean	Post Mean	Difference
NZ Māori	4	98.0	103.50	+ 5.50
Tongan	12	107.94	110.40	+ 2.46
Samoaan	17	106.73	106.60	- 0.13
CI Māori	10	110.14	111.68	+ 1.54
Niuean	2	103.00	107.55	+ 4.55
NZ European	2	117.25	114.00	- 3.25
OPP	1	128.20	129.40	+ 1.20
Indian	1	120.80	118.60	- 2.20
South East Asian	1	122.10	118.60	- 3.50

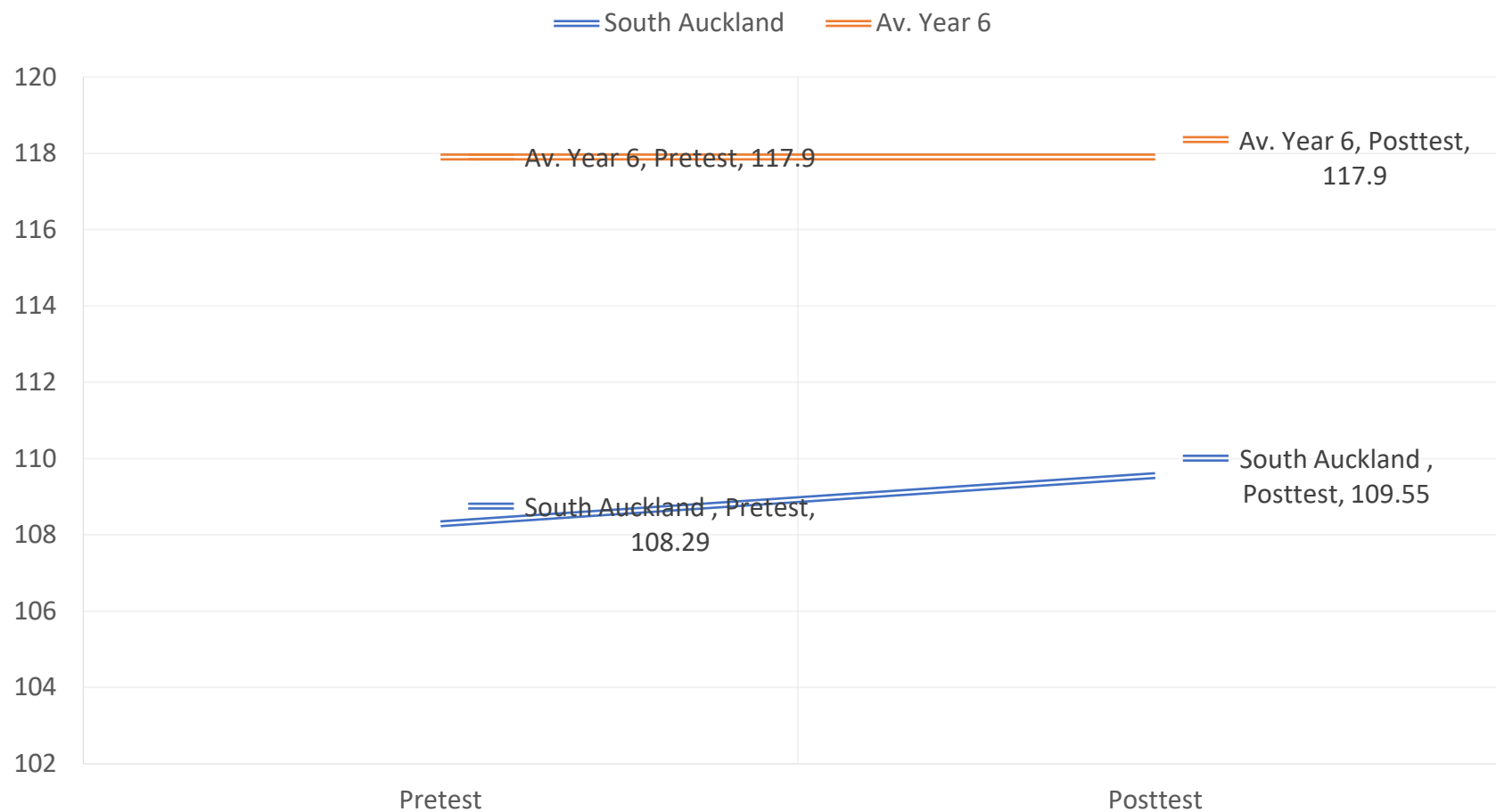
Year 6: Ability

Group	N	Pre Mean	Post Mean	Difference	Average Progress +1.85
Well Below	3	83.56	91.63	+ 8.07	
Below	19	102.50	102.64	+ 0.14	
At	28	114.87	116.16	+ 1.29	

Yr. 6 Reading Progress – Ability Levels



South Auckland Schools Year 6 & Average Year 6



Student Progress v National Averages

