

1 July 2016

IM60/104/52/3

**Education Report: Rotorua East Community of Learning –  
achievement challenges endorsement**

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**Executive Summary**

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1. This report seeks your endorsement of achievement challenges and the associated high level plan for the Rotorua East Community of Learning (CoL).


**Recommended Actions**

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We recommend that you:

- a. **note** the progress that the Rotorua East Community of Learning has made in developing its achievement challenges and high level plan; and
- b. **agree** to endorse the Rotorua East Community of Learning's achievement challenges and high level plan.

AGREE/DISAGREE

  
Katrina Casey  
Deputy Secretary  
Sector Enablement and Support

Encls

  
Hon Hekia Parata  
Minister of Education

10/7/16

## **Education Report: Rotorua East Community of Learning – achievement challenges endorsement**

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### **Purpose of Report**

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1. This report seeks your endorsement of the Rotorua East Community of Learning (CoL) achievement challenges and high level plan.

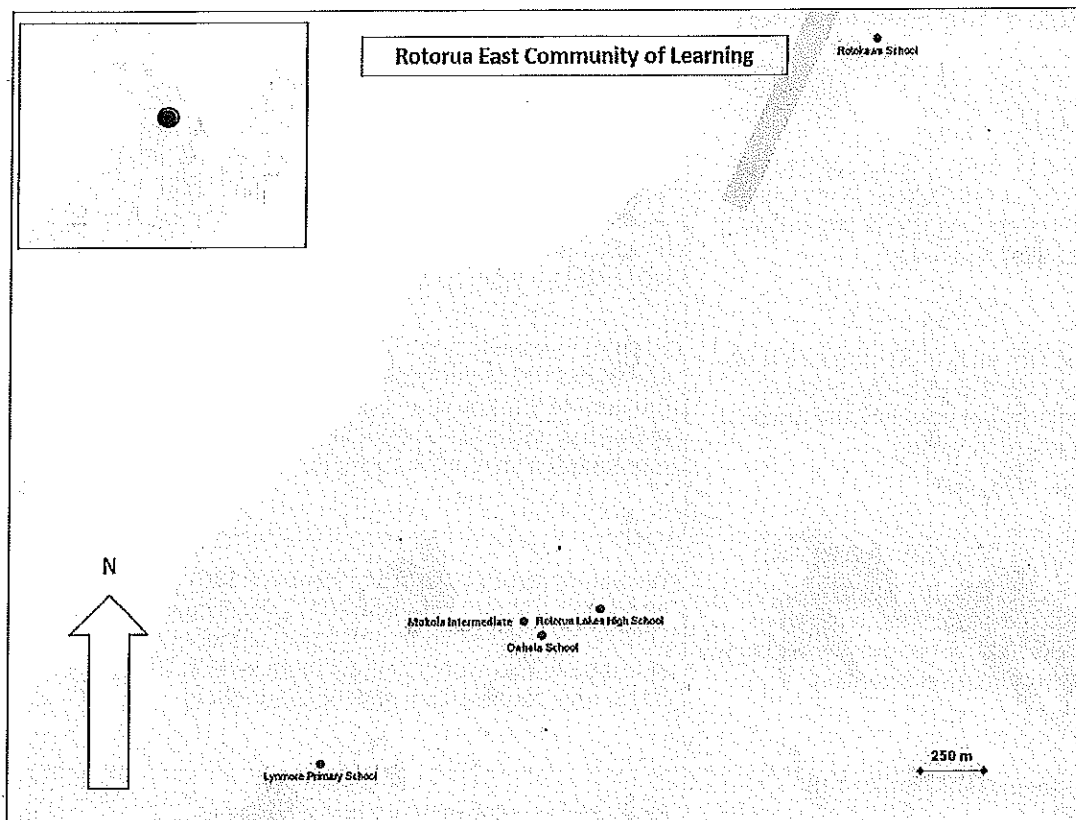
### **Background**

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2. In December 2014 you gave approval for the establishment of the first eleven Communities of Schools as part of Investing in Educational Success. The Ministry has since been supporting these and subsequent Communities (117 in total) to design a process for working together and with their communities to identify their achievement challenges. We have been ensuring that the schools have access to any data, information and support they need for this.
3. The Rotorua East CoL has developed its achievement challenges. The Ministry has been working closely with this CoL to support it through this process, and the CoL has made good progress.
4. The achievement challenges are attached as Appendix 1 and include information about the CoL and the proposed high level plans.

### **Rotorua East Community of Learning**

5. The Rotorua East CoL was approved in March 2015.
6. The Rotorua East CoL consists of five schools: three primary schools, one intermediate school and one secondary school. These are: Lynmore Primary School, Owhata School, Rotokawa School, Mokoia Intermediate School, and Rotorua Lakes High School (RLHS). The CoL has 1,969 students, of whom 880 identify as Māori and 22 as Pasifika.



### Endorsement of Achievement Challenges and Plan

7. The CoL has now finalised the achievement challenges and high level plan and submitted them for endorsement.
8. The CoL has identified four high level achievement challenges (refer to Appendix 1) which relate to:
  - Writing (Years 1-8 and Years 9-10);
  - Mathematics (Years 1-8 and Year 9);
  - Reading; and
  - Sciences (NCEA Levels 1-3).
9. A summary of the achievement challenges is displayed in Table 1.
10. For each challenge there are clear numbers and percentage increases for raising achievement, as well as clear and consistent time lines. There are also clear targets for Māori students across their pathway.

**Table 1: Summary of Rotorua East CoL Achievement Challenges**

Achievement Challenge	Number of Students and Time Frame
<p><b>Writing (Years 1-8)</b>                      In 2015, 59% (190 out of 319) of our Year 1-8 Pakeha boys were achieving at or above the national standard in writing.</p> <p>In 2015, 54% (130 out of 239) of our Year 1-8 Māori boys were achieving at or above the national standard in writing</p>	<p>We aim to raise this to 70% (223 out of 319) in 2016 and 80% (255 out of 319) in 2017, resulting in 85% (270 out of 319) of year 1-8 Pakeha boys achieving at or above the national standard in writing by 2018. This represents a shift of 80 students.</p> <p>We aim to raise this to 70% (167 out of 239) in 2016 and 80% (191 out of 239) in 2017, resulting in 85% (203 out of 239) of Year 1-8 Māori boys achieving at or above the national standard in writing by 2018. This represents a shift of 73 students.</p>
<p><b>Writing (Years 9-10 – RLHS)</b>                      In 2015, 49% (67 out of 136) of our Year 9-10 Māori students were achieving at or above the expected curriculum level in writing.</p>	<p>We aim to raise this to 70% (95 out of 136) in 2016 and 80% (109 out of 136) in 2017, resulting in 85% (115 out of 136) of Year 9-10 Māori students achieving at or above the expected curriculum level in writing by 2018. This represents a shift of 48 students.</p>
<p><b>Mathematics (Years 1-8)</b></p> <p>In 2015, 68% (164 out of 239) of our Year 1-8 Māori boys and 65% (134 out of 204) of our Year 1-8 Māori girls were achieving at or above the national standard in mathematics.</p> <p>In 2015, 75% (240 out of 319) of our Year 1-8 Pakeha boys and 79% (226 out of 283) of our Year 1-8 Pakeha girls were achieving at or above the national standard in mathematics.</p>	<p>Māori boys: 75% (179 out of 239) in 2016                      80% (191 out of 239) in 2017                      85% (203 out of 239) in 2018                      39 students to shift</p> <p>Māori girls: 75% (153 out of 204) in 2016                      80% (163 out of 204) in 2017                      85% (173 out of 204) in 2018                      39 students to shift</p> <p>Pakeha girls: 82% (232 out of 283) in 2016                      83% (235 out of 283) in 2017                      85% (240 out of 283) in 2018                      14 students to shift</p> <p>Pakeha boys: 80% (255 out of 319) in 2016                      82% (262 out of 319) in 2017                      85% (271 out of 319) in 2018                      31 students to shift</p>
<p><b>Mathematics (Year 9 – RLHS)</b>                      In 2015, 53% (33 out of 62) of our Year 9 Māori students were achieving at the expected curriculum level.</p>	<p>We aim to raise this to 65% (40 out of 62) in 2016 and 75% (47 out of 62), resulting in 85% (53 out of 62) of Year 9 Māori students achieving at or above the expected curriculum level in mathematics by 2018. This represents a shift of 20 students.</p>

Achievement Challenge	Number of Students and Time Frame
<p><b>Reading</b></p> <p>In 2015, 79% (253 out of 319) of our Year 1-8 Pakeha boys were achieving at or above the national standard in reading.</p> <p>In 2015, 59% (214 out of 360) of our Year 1-10 Māori boys were achieving at or above their expected curriculum level or national standard in reading.</p> <p>In 2015, 68% (139 out of 204) of our Year 1-10 Māori girls were achieving at or above their expected curriculum level or national standard in reading.</p>	<p>We aim to raise this to 82% (261 out of 319) in 2016, resulting in 85% (271 out of 319) of Year 1-8 Pakeha boys achieving at or above the national standard in reading by 2018. This represents a shift of 18 students.</p> <p>We aim to raise this to 65% (234 out of 360) in 2016 and 75% (270 out of 360) in 2017, resulting in 85% (306 out of 360) of Year 1-10 Māori boys achieving at or above the expected curriculum level or national standard in reading by 2018. This represents a shift of 92 students.</p> <p>We aim to raise this to 75% (153 out of 204) in 2016 and 80% (163 out of 204) in 2017, resulting in 85% (173 out of 204) of Year 1-10 Māori girls achieving at or above the expected curriculum level or national standard in reading by 2018. This represents a shift of 34 students.</p>
<p><b>Sciences (RLHS)</b></p> <p>In 2014, 30.4% (24 out of 79) of Māori school leavers attained at least 14 NCEA Level 1 science credits, 10.1% (8 out of 79) attained at least 14 Level 2 science credits, and 6.3% (5 out of 79) attained at least 14 science Level 3 credits.</p> <p>This compares unevenly with achievement for non-Māori, which was 60%, 30% and 11.4% respectively.</p> <p>We want to develop more learners who are competent in science, particularly Maori students, and more will go on to a career in science, technology, engineering and mathematics (STEM)-related jobs.</p>	<p>By 2018, we aim for Māori student achievement and participation in sciences for NCEA to be equivalent to that of non-Māori:</p> <p>At least 60% (45 out of 75) of Māori students will have attained at least 14 Level 1 science credits;</p> <p>At least 30% (18 out of 61) of Māori students will have attained at least 14 Level 2 science credits; and</p> <p>At least 15% (11 out of 73) of Māori students will have attained at least 14 Level 3 science credits.</p>

11. A breakdown of the priority learners by school is displayed in Table 2.

**Table 2: Achievement Challenges' target groups for Rotorua East CoL – by school**

Writing - Schools and number of Students					
School Name	Student Type		Number below or well below	% below or well below	Total
Lynmore Primary School	Pakeha	Male	76	45	169
	Māori	Male	32	58	55
Owhata School	Pakeha	Male			7
	Māori	Male	16	25	65
Rotokawa School	Pakeha	Male			20
	Māori	Male	17	35	48
Mokoia Intermediate	Pakeha	Male	44	52	84
	Māori	Male	44	67	66
Writing Years 1-8 - Totals					
Total Boys	Total Māori Boys	Total Pakeha Boys	Total Boys Below/Well Below	Total Māori Boys Below/Well Below	Total Pakeha Boys Below/Well Below
558	239	319	238	109	129

Mathematics - Schools and number of Students					
School Name	Student Type		Number below or well below	% below or well below	Total
Lynmore Primary School	Pakeha	Male	34	20	169
		Female	21	14	148
	Māori	Male	14	25	55
		Female	19	37	51
Owhata School	Pakeha	Male			7
		Female			12
	Māori	Male	13	20	65
		Female	9	16	55
Rotokawa School	Pakeha	Male			20
		Female			19
	Māori	Male	24	50	48
		Female	11	24	45
Mokoia Intermediate	Pakeha	Male	25	30	84
		Female	22	36	61
	Māori	Male	38	58	66
		Female	19	43	44
Mathematics Years 1-8 - Totals					
Total Boys	Total Māori Boys	Total Pakeha Boys	Total Boys Below/Well Below	Total Māori Boys Below/Well Below	Total Pakeha Boys Below/Well Below
558	239	319	154	75	79

Reading - Schools and number of Students							
School Name		Student Type		Number below or well below	% below or well below	Total	
Lynmore Primary School	Pakeha	Male		33	20	169	
		Māori	Male	19	35	55	
			Female	17	33	51	
Owhata School	Pakeha	Male				7	
		Māori	Male	16	25	65	
			Female	9	16	55	
Rotokawa School	Pakeha	Male				20	
		Māori	Male	17	35	48	
			Female	9	20	45	
Mokola Intermediate	Pakeha	Male		9	11	84	
		Māori	Male	22	33	66	
			Female	9	20	44	
Rotorua Lakes High School	Māori	Male		56	39	145	
Reading Years 1-10 – Totals							
Total Boys	Total Māori Boys (Y1-10)	Total Pakeha Boys (Y1-8)	Total Boys Below/Well Below	Total Māori Boys Below/Well Below (Y1-10)	Total Pakeha Boys Below/Well Below (Y1-8)	Total Māori Girls (Y1-8)	Total Māori Girls Below/Well Below (Y1-8)
558	239	319	154	75	79	204	65

12. The associated planning that shows the background thinking and consideration that has gone into how the CoL developed the challenges is part of Appendix 1. The information provided clearly demonstrates that the schools have worked closely together and made good use of data to consider the needs of all of their students across Years 1-13. It shows that extensive thought and effort has been made in developing the challenges articulated in Table 1.
13. The high level plan for how the CoL intends to tackle its achievement challenges is attached as Appendix 1. The plan shows the steps and processes the CoL intends to take in order to make the required shifts across all schools to support the achievement challenges.

