Trend Task: Swimathon

Approach: Independent Focus: Using a distance key Resources: Map, ruler

Questions / instructions:

nstructions:		% response 2007 ('03)		
		year 4	year 8	
A school is planning a swimathon where children are going to swim across Lake Rotoroa. They want to find the narrowest place to cross. 1. Find the red and blue points that mark				
the shortest place to cross	S. D to 3	21 (30)	44 (54)	
Lake F Rotoroa 2. How far is it to swim acros the lake at these points?	ss 30m	3 (7)	23 (33)	
	29m – 31m	0 (1)	0 (1)	
	about 3cm	2 (1)	2 (1)	
CRESCENT 5 50 m PE	rect for answer on 1 <i>(in metres)</i>	9 (6)	20 (11)	
Total sc	ore: 2	4 (5)	29 (32)	
	1	17 (27)	29 (23)	
	0	79 (68)	42 (45)	

NEMP

Subgroup Analyses: Year 4



Commentary:

This task involved using a ruler and a distance key to measure distances on a map and find thez shortest route. Very few students at either year 4 or year 8 were able to complete this task, although year 8 students showed improvement over year 4 students. Year 4 students did less well in 2007 than in 2003. Year 8 boys scored a little higher than year 8 girls. Year 8 Pakeha students scored a little higher than year 8 Māori and Pasifika students.