Trend Task: Drawing a Map

NEMP Access Task

			Year: 4 & 8
Approach:	Station		
Focus:	Drawing a map		
Resources:	Map in work book		

Questions / instructions:

Kate said "My school is on Main Street. I walk west along Main Street to Hills Street. Then I walk north along Hills Street. I go past Frame Street on my left. Pioneer Street crosses over Hills Street. I turn right into Pioneer Street. My house is the second house on the left on Pioneer Street."
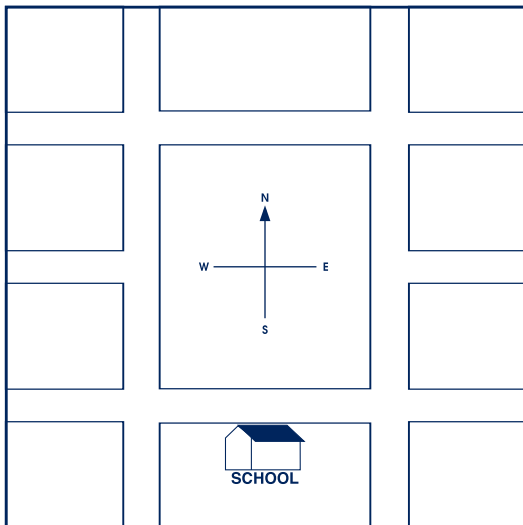
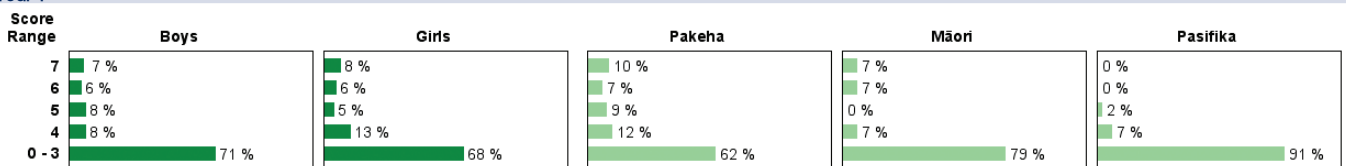|		% response 2007 ('03)	
		year 4	**year 8**
1. Write in the names of the streets that Kate walks along to get from school to home.			
Correctly marked:	Main Street	62 (54)	82 (80)
	Hills Street	47 (47)	82 (79)
	Frame Street	24 (27)	62 (58)
	Pioneer Street	40 (40)	79 (76)
2. Draw Kate's house on the map. *[left (top) side of Pioneer St, middle section]*			
drawn in correct position, not on the corner		22 (9)	45 (40)
drawn in generally correct position, but on the corner		4 (19)	8 (15)
3. Draw a line to show where Kate walks to get from school to home.			
line showed correct route		25 (22)	61 (51)
Total score:	7	8 (3)	33 (26)
	6	6 (10)	13 (18)
	5	6 (5)	13 (5)
	4	10 (12)	14 (17)
	0–3	70 (69)	28 (33)

Subgroup Analyses:

Year 4

Score Range	Boys	Girls	Pakeha	Māori	Pasifika
7	7 %	8 %	10 %	7 %	0 %
6	6 %	6 %	7 %	7 %	0 %
5	8 %	5 %	9 %	0 %	2 %
4	8 %	13 %	12 %	7 %	7 %
0 - 3	71 %	68 %	62 %	79 %	91 %

Year 8

Score Range	Boys	Girls	Pakeha	Māori	Pasifika
7	35 %	31 %	38 %	22 %	20 %
6	12 %	15 %	15 %	11 %	6 %
5	15 %	10 %	12 %	18 %	6 %
4	12 %	15 %	13 %	12 %	20 %
0 - 3	26 %	29 %	22 %	37 %	48 %
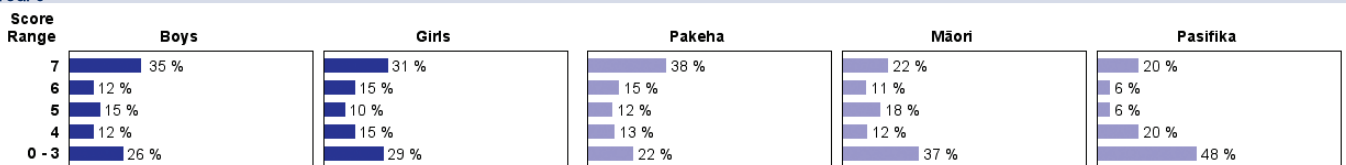
Commentary:

Year 8 students were moderately successful in following the directions and marking a route on a simple map. Year 4 students had much more difficulty with the task. Whereas 61% of the year 8 students could trace the route that the student took from school to her house, only one quarter of year 4 students could do so. There was little change between 2003 and 2007. Boys and girls performed similarly. Pasifika students had the least success with this task.