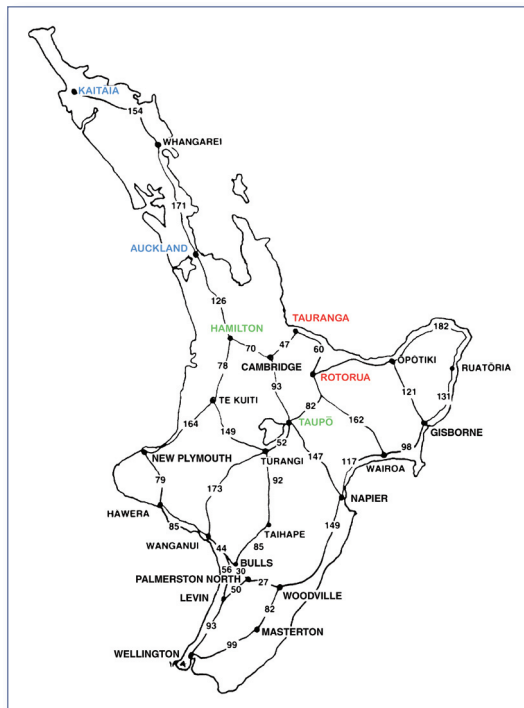


Approach: One to one

Year: 4 & 8

Focus: Interpreting a map

Resources: Map



Questions / instructions:

In this activity you will need this map of the North Island.

[Year 4 map was as above, with some town names in colour. Year 8 map was in black only.]

The map was designed to show driving distances between towns and cities.

Give student map of North Island. Help student locate cities if necessary.

1. How far is it from Rotorua to Tauranga?

60km

2. How would I work out how far it is from Auckland to Kaitiaki?

325km

3. If I wanted to go the shortest way from Taupo to Hamilton which town would I go through?

Cambridge

Total score:

% responses 2003 ('99)	
year 4	year 8
77 (83)	94 (94)
35 (40)	75 (60)
91 (90)	92 (98)
4	32 (34)
3	8 (11)
2	35 (37)
1	22 (16)
0	3 (2)

Commentary:

There was relatively little change between 1999 and 2003 in the ability of year 4 and year 8 students to determine distances and routes on a map. About twice as many year 8 students as year 4 students got all questions correct in 2003 (67 percent versus 32 percent).