

Approach: Station

Year: 4

Focus: Tallying and interpreting data

Resources: Computer program on laptop computer, answer booklet

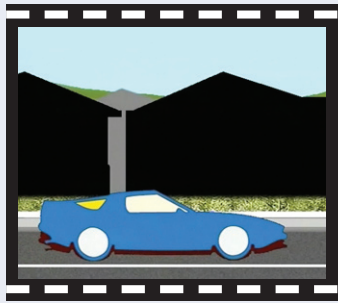
Questions / instructions:

This activity uses the computer.

[Simple animation with cars passing through screen one at a time, each taking five seconds to pass through.]

VOICEOVER INSTRUCTIONS:

You have been asked to make a tally chart that shows the number of different coloured cars that pass your school gate. Use the chart in your answer book to keep a tally of how many cars pass your school. Do not try to do any of the other questions while you are filling in the tally chart. You will have time to do these later. Click the start button to begin.



% response
2009 ('05)
year 4

1. Tally Chart

Red Cars	White Cars	Yellow Cars	Blue Cars	Other Colours
/				

Tally method: conventional groups of 5 68 (51)
sticks only 20 (31)

Tally for:

Red cars –	6	81 (74)
White cars –	8	78 (69)
Yellow cars –	4	79 (77)
Blue cars –	5	83 (76)
Other cars –	3	84 (76)

- How many blue cars went past the school? 5 81 (74)
- Which colour car was the most common? white 82 (76)
- How many cars went past the school altogether? 26 60 (55)
- Which colour car is most likely to come next? not marked • (•)

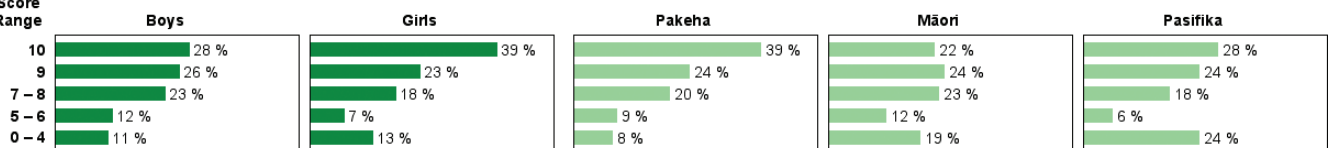
Total Score:

10	34 (24)
9	24 (26)
7–8	21 (16)
5–6	9 (13)
0–4	12 (21)

Subgroup Analyses:

Year 4

Score Range



Commentary:

Most year 4 students were successful at tallying and interpreting this information. There was a quite marked improvement from 2005 to 2009.