LEVEL 4A

NZ Curriculum Mathematics
CONNECTING ALL STRANDS
NUMBER & ALGEBRA • MEASUREMENT & GEOMETRY • STATISTICS

Chapter 7 – Rich task 1 - Can you work a spreadsheet? Page 125

① Can you work a spreadsheet?

Formulae can be put into a spreadsheet package.

When values are put into the spreadsheet in place of the letters in the formula, the spreadsheet calculates the answer for you.

- Find out how to enter a formula into a spreadsheet.

- Why is entering a formula more efficient than putting in every value?

- Find out how to enter values and copy to fill a column.

- Find out how to draw a suitable graph for your results. Practise with these formulae.

> If you don't know how to enter formulae into a spreadsheet ask your teacher for a tutorial.

a Amount paid for delivering papers = $10 per stack + $5 cycle maintenance fee. ($P = 10n + 5$ where P is the amount paid and n is the number of stacks delivered.)

b Average mass of a tiger cub = weight at birth + 700 × number of weeks. ($M = w + 700n$ where M is the mass in grams, w is the weight at birth in grams and n is the number of weeks old.)

- Prepare a lesson for your group or class about using spreadsheets and drawing graphs. Show the results for these formulae.

  Be creative in the way you present your lesson.