

Purpose:

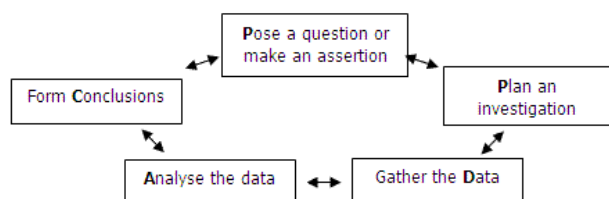
- This was a whole class lesson taken at the beginning of the year to help set expectations and develop new working relationships. My aim was to develop a sense of accountability and responsibility towards blogging.

- To use data to look closely at (analyse) our own blog post totals over time.
 - To be able to use vocab around statistical investigations.
 - To be able to gather, sort and analyse data

- I used this lesson to help our Year 7s and Year 8s 'get to know' each other at the start of the year.
- I was trying to develop the ethos that in LS2 we learn best when we learn from and with each other so this task was done in pairs (teacher selected).
- Each person contributed a different skills set to avoid anyone becoming lost in the learning.

- plan an investigation
- choose an appropriate data display (bar chart, stem-and-leaf, strip graph, line graph)
- make statements about the findings of the investigation

S3-1: Conduct investigations using the statistical enquiry cycle: gathering, sorting, and displaying multivariate category and whole-number data and simple time-series data to answer questions; identifying patterns and trends in context, within and between data sets; communicating findings, using data displays.



NZMaths Link

- Introduce statistical investigation vocab (gather, sort, analyse, bar graph, data, question, statement)
- Paired and class discussions linked to vocab
- Open up a new spreadsheet (*For younger students I would create the spreadsheet eg: [Click here](#) to open the blog post data record*)
- Open up own blog and record the number of blog posts that have been made each month. The totals are in the blog archive widget.

Yearly totals

- ▼ 2018 (19)
 - ▶ February (19)
- ▼ 2017 (94)
 - ▶ December (1)
 - ▶ November (6)
 - ▶ October (7)
 - ▶ September (20)
 - ▶ August (6)
 - ▶ July (4)
 - ▶ June (6)
 - ▶ May (9)
 - ▶ April (11)
 - ▶ March (17)
 - ▶ February (7)
- ▶ 2016 (110)
- ▶ 2015 (239)
- ▶ 2014 (113)
- ▶ 2013 (244)

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- Fill in the total number of posts under each year (*- this can also be done by month to challenge the more able students*)

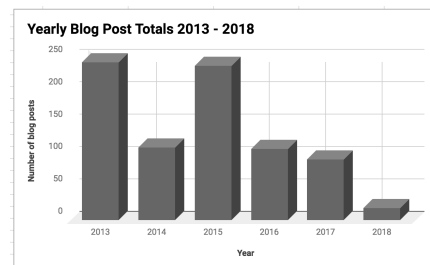
Year:

[illegible]

- Highlight the two columns and click on the insert chart icon



- Create graph
- Add a title, and name both axis so that it is easy to understand what the graph is showing us
- Insert graph into your DLO
- Write **three** sentences/statements about what the data tells you
- Draw conclusions by looking for patterns.
- Reflect on what that data shows - Is there a month/months/year lower/higher than the others? Give possible reasons for this
- Set PLI's (personal learning intentions). - What could you do to continue to show ongoing change in your data?



- Set own blog post total target for 2018

Link to Exemplars:

- [Ofa's blog](#)
- [Mele's blog](#)
- [Alex's blog](#)
- [Sanujan's blog](#)

Reflection:

This activity is a great visual connection for students to see what their work output looks like. The rich discussion that followed this lesson was very powerful as new working relationships were forged. I find it interesting to read the statements that are made as to why blog post numbers have increased or decreased. It was also very evident who had taken part in the SLJ as they had no drop off over the holiday periods.