Stacked Line Graph

Description: A Stacked Line Graph is a line graph that will display graphically trends in data you have collected on a student or class.

How could I use it? ✤ To compare a students’ results during a unit or semester of work in order to decide which areas need more attention.
✤ To compare a class’s results during a unit or semester of work in order to decide which areas students need more attention.
✤ To study visually a student’s results over a period of time in order to stimulate discussion.

Why should I use it? It is used as way to read snapshot of results that can illustrate for a student or teacher changes in performance over time.

When should I use it? ✤ When a student or teacher needs to make decisions about where to focus their attention and effort.
✤ To easily compare results to inform discussion on progress.
How do I use it?

- Collect data such as test scores, spelling errors and organise it.

- Create an axis table
- Label the axes
- Mark a scale on each axis that is in proportion to the data.

- Plot the first series of data and connect the data points to make a line graph.

- Add the first and second series of data together for example, $8 + 7 = 15$, $8 + 8 = 16$, $6 + 9 = 15$.
- Plot the second set of data above the first line.
- Colour each series in different colours or patterns.