Create a Graph

To display information easily on Students' favorite subject

ICT skills:
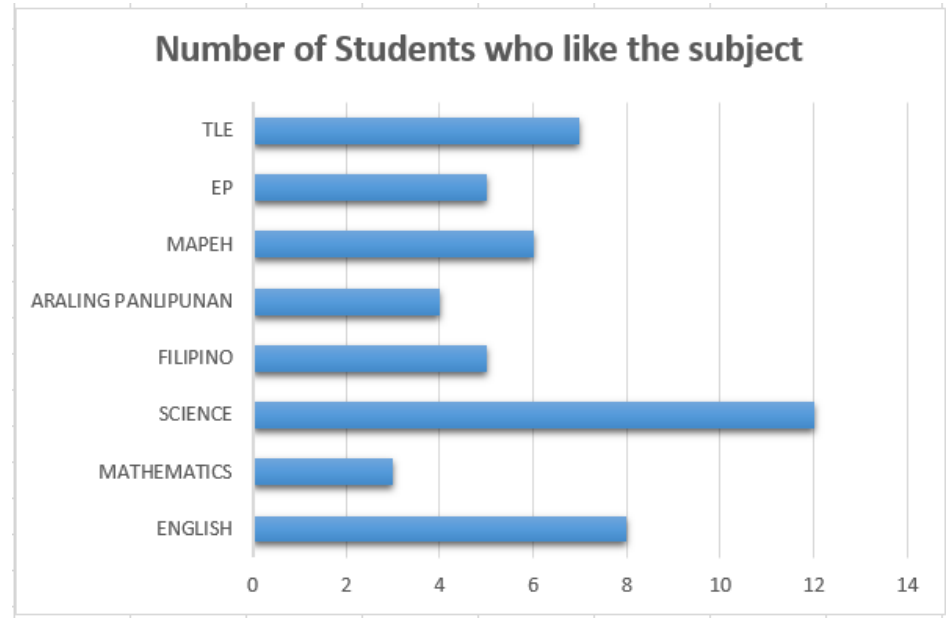
Using a spreadsheet application to create a graph

A. Highlighting groups of cells
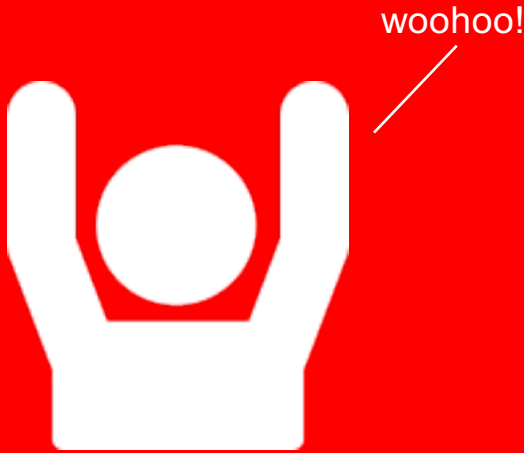
B. Adjusting columns

C. Merging Cells

D. Saving

What you will need:Spreadsheet software (ex. Microsoft Excel)

This should be your final output:

Number of Students who like the subject

The next few slides will guide you through the process, should you need it. Good luck!

woohoo!

If you will need help...
raise your two hands and say,
"woohooo!" (and a facilitator will
approach you to help)
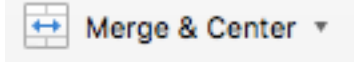
Creating a chart on Microsoft Excel

A	B
	Students' Favorite Subject
SUBJECT	Number of Students who like the subject
English	8
Math	3
Science	12
Filipino	5
Araling Panlipuna	4
MAPEH	6
EP	5
TLE	7

But before you get there…you're going to need to create this first. (drum rolll…)

A table with your data.

Jump to the next page to find out how to do this!

Creating a chart on Microsoft Excel

A. Open a new document in Microsoft Excel. (on the menu bar: Click on File, New workbook)

B. In cell A1 type this title- Students' Favorite Subject. Highlight cell A1 to B1 and click ⟷ Merge & Center ▾ . (clue: if you can't see it, make sure that you are looking at tools under the "home tab" Home

C. In cell A2 type "Subject" as a column heading

D. Type these subjects in the next rows: English, Math, Science, Filipino, Araling Panlipunan, MAPEH, EP, TLE.

Clue: Forgot what the table should look like? Just go back to the previous page!

QUICK TIP! ROWS vs. COLUMNS

	A	B	C
1	THESE	ARE	ROWS
2			
3	THESE		
4	ARE		
5	COLUMNS.		

Yes, I know it can get quit confusing sometimes…#hugot

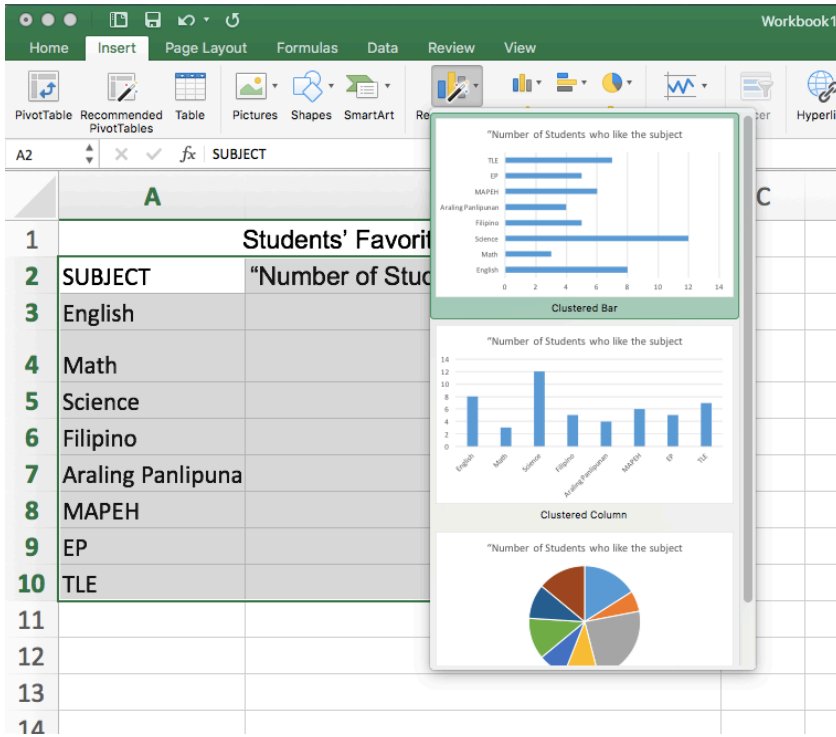Clue: Forgot what the table should look like? Just go back to the previous page!

E. In cell B2 type "Number of Students who like the subject" as column heading.

F. Type the responses from English to TLE; 8, 3, 12, 5, 4, 6, 5, 7

Creating a chart on Microsoft Excel

G. Highlight the table (**excluding the title**) then click **Insert** ribbon tab then **Charts** group and point to **Insert Bar Chart,** then click 2-D bar. *(Note: this is for Excel 2013, for earlier versions (like 2010 & 2007)there is slight difference.)*

The bar graph in the example has horizontal bars. It is also possible to make a bar graph with vertical bars. You can also use other types of Chart applicable to your data.

Lesson ideas!

A **bar graph** is useful for comparing facts. The bars provide a visual display for comparing quantities in different categories. Bar graphs help us to see relationships quickly. Another name for a bar graph is a bar chart.

Graphs help summarize and display information in a manner that is easy for most people to comprehend. Where can you use graphs in your work as a teacher? What types of activities can students do with graphs?

http://www.mathgoodies.com/lessons/graphs/bar_graph.html
http://www.ask.com/math/graphs-important-3c19doca7f97b2b9

ding ding ding!
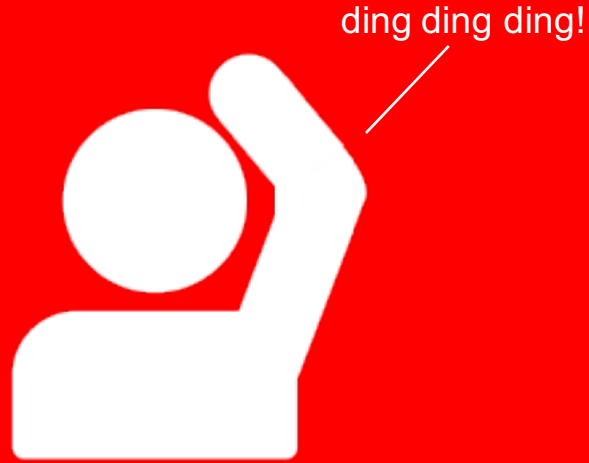
Congratulations!
You can check on your groupmates and extend some guidance if they need it. If your whole group is done, it's now time to…MAKE YOUR TEAM SOUND!