

L.I. To be able to group data into a tally chart and then create a bar-line graph based on the results.

A survey was done in a Year 5 class asking children what their favourite subject was. Here are the results:

Maths Literacy History P.E. Music
Music Maths Music P.E. Literacy
Literacy Maths P.E. Maths Literacy
Maths P.E. Maths Science Music
P.E. Music History Maths Science
Literacy Music Maths Science P.E.

1. Put the data above into the tally chart below (remember what 5 looks like!):

Subject	Tally	Total (Frequency)
Maths		
Literacy		
History		
P.E.		
Music		
Science		
TOTAL:		

2. Now draw a BAR-LINE graph using the data from your tally chart above. Make sure you remember to give your graph:

- ÿ A title
- ÿ Label the x- and y-axis
- ÿ Use a good scale so that the graph isn't too small or too big
- ÿ You put a dot at the correct point and then draw a line
- ÿ Use a ruler!

3. What was the MODE? _____

4. Look at the data below on Year 5's favourite colours. This time construct your own tally chart over the page and draw a graph based on the results. Don't forget to use a ruler!

Blue Red Orange Pink Red Blue
Red Orange Red Red Blue Pink
Orange Red Red Red Pink Blue