



Technology Applications Virtual Learning

Varsity Sports Attendance

May 15, 2020



8th Grade Technology Applications

Lesson: May 15, 2020

Objective/Learning Target:

I can create a spreadsheet and line chart using sporting event attendance data.



Getting Started:

Every five years, McKinley High School updates its athletic complex. One major update will be to increase seating in the gymnasium and the stadium fields. To help determine how many additional seats will be added this year, the athletic director asks you to create a line chart that shows the attendance growth for baseball, football, basketball, and soccer. Since you are familiar with using Google Drive, you decide to use Google Sheets.

Practice:

1. Create a New Google Sheet and name it Varsity Sports Attendance.
2. Enter the data as shown below.

<i>f_x</i>						
	A	B	C	D	E	F
1	McKinley High Athletic Event Attendance					
2						
3		Year 1	Year 2	Year 3	Year 4	Year 5
4	Baseball	10582	7450	8765	9841	11240
5	Football	9960	14586	15962	18625	19541
6	Basketball	8825	11548	10254	12542	14625
7	Soccer	4875	5687	6790	5247	7850
8						

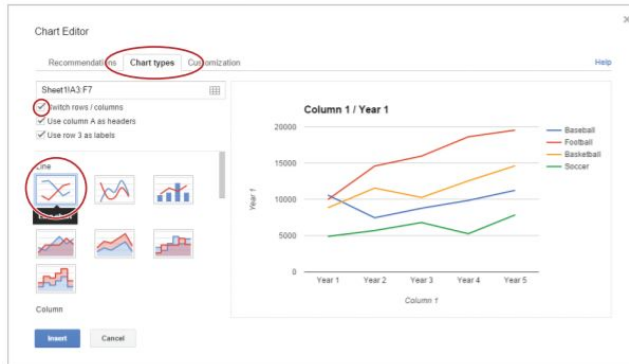


Practice:

3. Merge cells A1-F1, center align, bold, and change the font size to 14.
4. Bold and right align row 3.
5. Bold cells A4-A7.

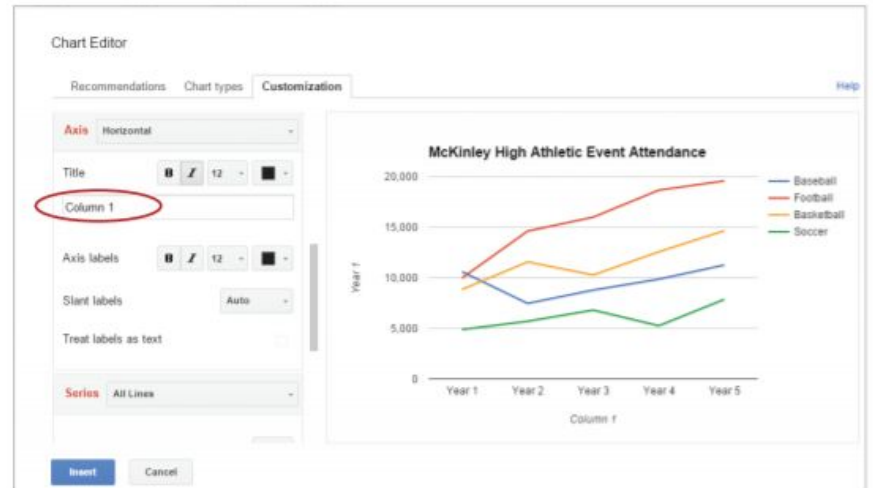
Practice:

8. Create a Line Chart. To create a line chart to show trends over time, do the following:
 - a. Select cells A3-F7, then from the Insert menu, select Chart.
 - b. In the Chart Editor dialog box, from the Chart types tab, click the Switch rows / columns checkbox, then select the Line chart thumbnail.



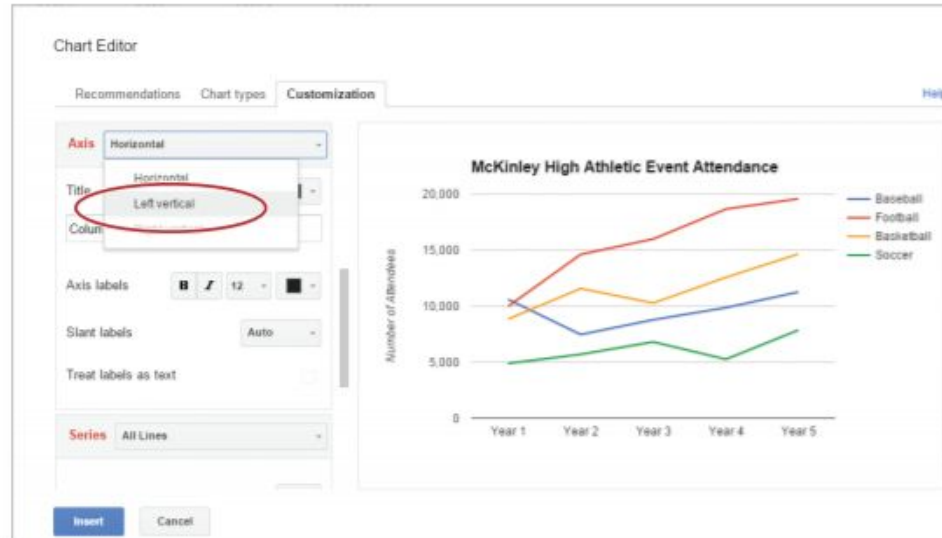
Practice:

- From the Customization tab, copy and paste the text in cell A1 to the chart title field.
- Delete the Horizontal Axis Title



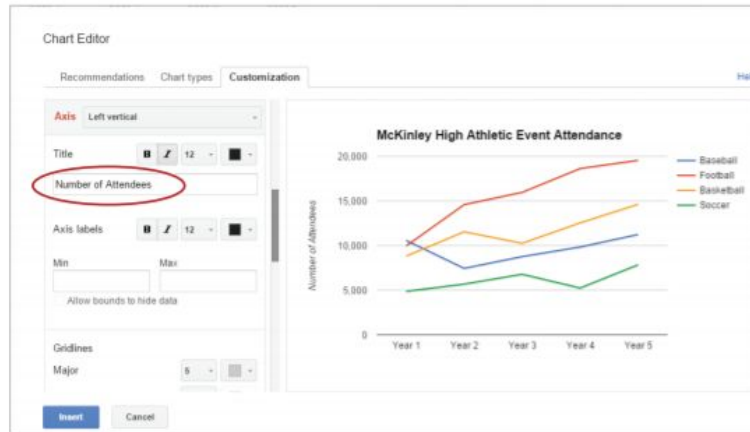
Practice:

11. To add a title to the Y-axis, from the Axis drop-down menu, select Left vertical.



Practice:

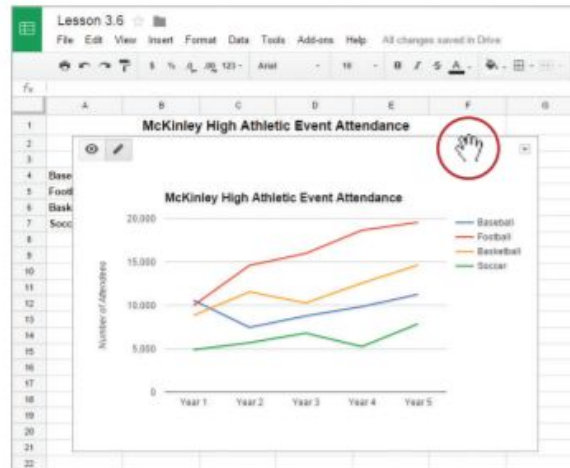
12. Change the Axis title to [Number of Attendees]



13. Insert the chart.

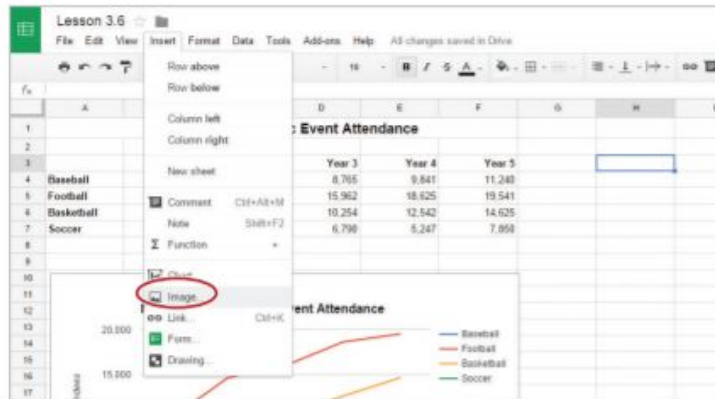
Practice:

14. To reposition your chart so that all data is displayed, place your cursor at the top of your chart until it becomes a hand, then click and drag your chart below the data. Your spreadsheet should look similar to 3.6 Figure A.



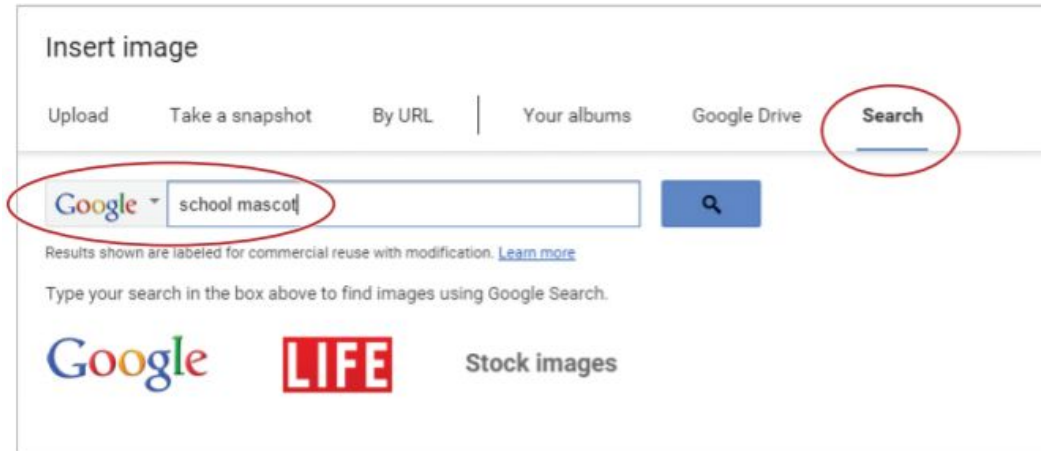
Practice:

15. Insert an Image. To insert an image into your spreadsheet, do the following:
 - a. In cell H3, from the Insert menu, select Image.



Practice:

16. Click Search, enter [school mascot] in the Google search field, then hit Enter



17. Double-click an image of your choice.

Practice:

18. **Resize an Image.** To change the size of an image proportionally (larger or smaller), do the following:
 - a. Click the image, then place your cursor over the bottom right-hand corner until it becomes a double-sided diagonal arrow.

	A	B	C	D	E	F	G	H	I	J	
1	McKinley High Athletic Event Attendance										
2											
3		Year 1	Year 2	Year 3	Year 4	Year 5					
4	Baseball	10,582	7,450	8,765	9,841	11,240					
5	Football	9,960	14,586	15,962	18,625	19,541					
6	Basketball	8,825	11,548	10,254	12,542	14,625					
7	Soccer	4,875	5,687	6,790	5,247	7,850					
8											
9											
10											
11											
12											
13											

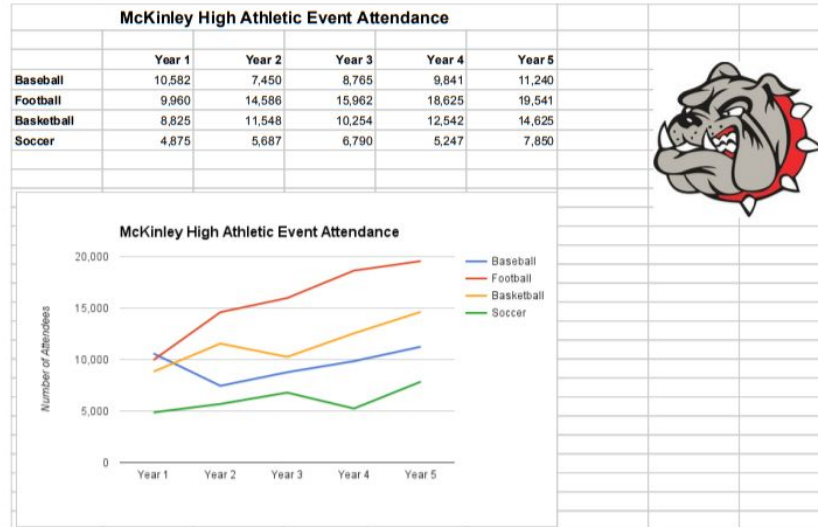


Practice:

- 19. To resize your image proportionately, click and drag the bottom right-hand corner until it fits within columns H and I.**
- 20. Proofread your spreadsheet for accuracy and format.**

Self-Assessment:

Check this document to see how you did.





Additional Practice:

Add more sports to the document and change your chart to include these sports.