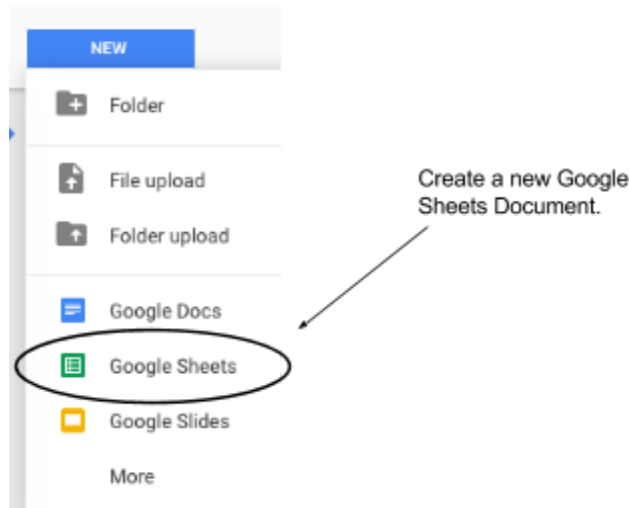


Creating a Scatter Plot using Google Sheets

1. Login to your Google Account. Use the same login as your school login.
2. Access Google Drive through the icon on the upper right.
3. Open a New Google Sheets Document using the menu to the left.



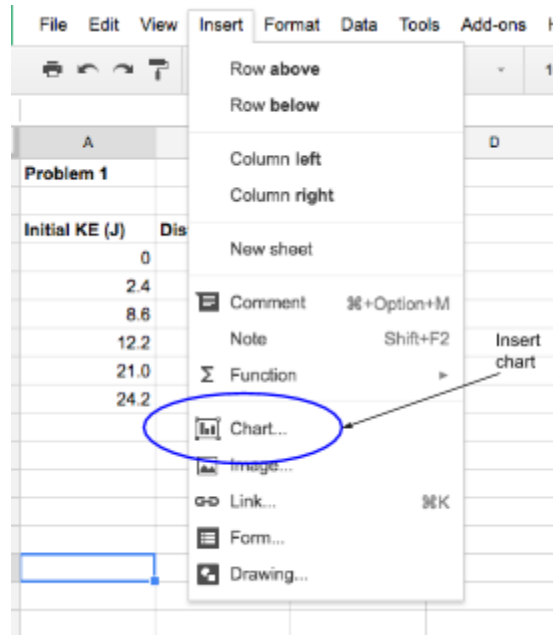
4. Give your document a title.
5. Enter your data into the spreadsheet.
 - a. Label each column with the data name and units. For example Initial KE (J). The left-most column should contain the data for the independent variable (x-axis). The data for the dependent variable (y-axis) should be entered in the column to the right.
 - i. Additional sets of data (y-values) can be plotted by adding columns to the right if they correspond to the same values for x.
 - b. Input the numerical data only. You can adjust the number of decimal points to reflect correct significant figures using the icons indicated below.

A screenshot of a Google Sheet spreadsheet. The menu bar includes File, Edit, View, Insert, Format, Data, Tools, Add-ons, and Help. The toolbar shows various icons, including a decimal point icon with a dropdown menu showing 0, .00, and 123. An arrow points from the text 'change the number of decimal points displayed' to the decimal point icon. The spreadsheet has columns A, B, and C. Row 1 is labeled 'Problem 1'. Row 3 is labeled 'Initial KE (J)' and 'Distance (m)'. Rows 4-9 contain numerical data.

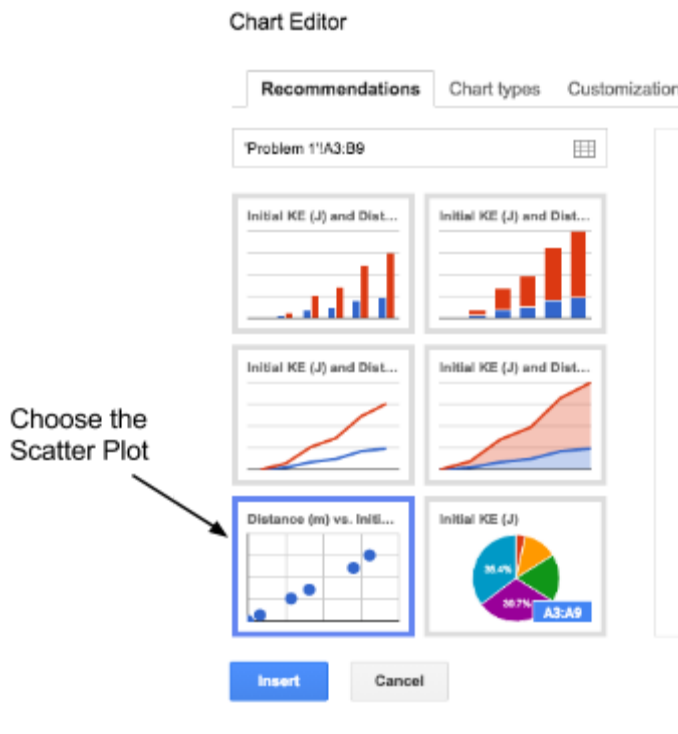
	A	B	C
1	Problem 1		
2			
3	Initial KE (J)	Distance (m)	
4	0	0	
5	2.4	7.0	
6	8.6	25.9	
7	12.2	36.1	
8	21.0	60.9	
9	24.2	75.4	
10			

6. Create a scatter plot using the data you entered.

- a. Highlight the cells containing the data you want to plot (include the data titles).



- b. From the **Insert** menu, select the chart icon.
c. In the Chart editor, scroll down to select the Scatter plot.



- d. Before you leave the Chart Editor, choose the Customization tab.
i. Add titles and labels to your graph.
ii. Add a trendline. If you want to see the equation, choose “equation” as the label for the trendline.