

106 Google Graphing 20pts

In this activity you will make graphs in a google spreadsheet, insert into a google document and write a figure legend.

- 5pts) for figure 7 graph
- 5pts) for figure legend
- 5pts) for figure 8 graph
- 5pts) for figure legend

*Using the instructions in 105a-c google graphing;
create graphs for the following data.*

Figure 7: The Effect Color has on Temperature

Graph this data appropriately (bar or line; single trial or group of trials):

2 important questions...

- 1) What are the independent variable and the dependent variable for this data table?
- 2) What axis does the independent variable go on?

Color	Trial 1 Temp Celsius	Trial 2 Temp Celsius	Trial 3 temp Celsius	Average temp Celsius
Yellow	145	148	147	
Black	184	182	186	
Pink	150	153	153	
Green	161	164	163	

Figure 8: The Effect That Time has on Mass of Crystal Development.

Graph this data appropriately (bar or line; single trial or group of trials):

2 important questions...

- 1) What is the independent variable and the dependent variable for this data table?
- 2) What axis does the independent variable go on?

Color	Trial 1 mass in grams	Trial 2 mass in grams	Trial 3 mass in grams
2 hours	215	100	160
4 hours	260	300	180
6 hours	2120	1500	198
8 hours	2200	2000	198
10 hours	2200	2500	220