

Name: _____

Date: _____

Exploring Our Food Habits

Using the Dashboard, answer the following investigative questions:

VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	INVESTIGATIVE QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and <i>appropriately label your plot.</i>	Answer the investigative question based on what is shown in the plot.
1. Variable: When		When were the majority of snacks eaten?
2. Variable: Response Time		During what 2-hour timespan were most snack surveys submitted?

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	Quickly sketch an image of the plot, name the type of plot, and <i>appropriately label your plot.</i>	Answer the investigative question based on what is shown in the plot.
3. Variable: Salty or Sweet & Why		For snacks consumed that were sweet, what was the more likely reason why it was eaten (energy, hungry/ thirsty, craving, availability, etc)?
4. Variables: Healthy Level & When & Salty or Sweet		Were healthier snacks (rated 4 or 5) consumed in the morning, more likely to be salty or sweet?

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Using the PlotApp, create a plot using the variables given. Sketch the plot and then create an investigative question that can be answered using the plot. Then answer your investigative question based on the plot.

VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	INVESTIGATIVE QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and label the axes and scales .	Create one investigative question for each plot. Then answer your questions based on the data.
1. Select x-axis variable: why Select y-axis : Responses (count)		
2. Select x-axis variable: why Select y-axis : calories		

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VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	INVESTIGATIVE QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and label the axes and scales .	Create one investigative question for each plot. Then answer your questions based on the data.
3. Select x-axis variable: calories Select y-axis : protein		
For PlotApp question #4, choose the variables that you would like to explore. Think about what the <i>Facet</i> option does to your plot and how it might affect the question you can create.		
4. Select x-axis variable: _____ Select y-axis : _____ Select Facet : _____		