Name:_____   Date:_____

Exploring Our Food Habits

Using the Dashboard, answer the following statistical questions:

VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	STATISTICAL QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and *appropriately label your plot.*	**Answer the statistical 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?

Name:_____   Date:_____

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VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	STATISTICAL QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and *appropriately label your plot.*	**Answer the statistical 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?

Exploring Our Food Habits

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

VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	STATISTICAL QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and *label the axes and scales.*	**Create one statistical 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		

Exploring Our Food Habits

VARIABLE(S)	SKETCH OF PLOT (ANALYSIS)	STATISTICAL QUESTIONS AND INTERPRETATIONS
	Quickly sketch an image of the plot, name the type of plot, and *label the axes and scales.*	**Create one statistical 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 *Facet* 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:* _____		