Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Linear Regression Project Directions**

In this project you will perform regression analysis on data to develop a mathematic model that relates two variables. Then you will use this model to make predictions.

**Objectives**:

 -Use data given to you by Mrs. Bridges.

 -Produce a scatter plot of the data.

 -Perform a regression analysis to find the equation of best fit line.

-Display your data in a table, a scatter plot with line of best fit, and the

 equation together for visual comparison.

-Use the model to make predictions.

-Make any conclusions about the data.

**PROJECT DUE DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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