Categorical Data

1. Two separate Relative Frequency Tables for each class for your two questions.
2. Description of Variability for each question
3. Comparative Bar Graph for each question
4. Data description for each question
5. Relative Joint Frequency Table with both classes for one question

Bivariate Data (Both classes together)

1. Scatterplot
2. Describe type of correlation and relative strength.
3. Linear Regression using Graphing or Online Calculator. Show line on Scatterplot.
4. Determine if relationship is causation or just correlation.
5. Separate Histogram or Dot Plot for each question.
6. IQR and MAD for each question.
7. 5 Number Summary and Box Plot for each
8. Best measure of Center, Spread and Shape of each.

Paper

1. All information in red on previous page should be included in your paper.
2. Predicted results of the possible relationship between your bivariate data questions
3. Conclusion with proposals to the 8th grade dance committee and final remarks

Final Product (in order)

* Cover Sheet
* Paper
* Tables, Graphs and Plots
* Your Organization of Data Tables (Pre-printed)
* Your Paper Surveys