Wrap up of Rocket Project

You may have just launched your rockets but the work is not over yet! Now you have to graph the data and explain what worked well and what did not work well on your group’s rocket. Outlined below is what I expect to be turned in with this wrap-up activity.

Data: 16 Points

The first component necessary for this project is the raw data itself. I should see the data sheets for both the first and second trials with the class average for the flight times.

Graph: 5 Points

Using excel, you should make a bar graph to represent the average flight time of both trial 1 and 2. Included in the graph, you should have a graph title, axis titles (Independent Variable: Group Members, Dependent Variable: Flight Time, 0 seconds – 20 seconds)

Essay: 9 Points

Write a short essay outlining the construction process, how your specific rocket flew and which groups had the longest and shortest flight times.

* First Paragraph: Outline the rocket construction process from beginning to end. What was involved in each step?
* Second Paragraph: How did your rocket launch go? Which parts of your rocket worked well and which did not?
* Third Paragraph: Which groups had the longest average flight times and why do you think it flew for so long? Which rockets had the shortest average flight times and why do you think it fell so quickly?