Mouse Swim Maze Lab Report

**Due Date: 4/25/16**

To end our year of Vet Prep, you will summarize the activities we conducted with our classroom mice in a Lab Report. It counts as one exam grade.

Your report should include:

1. Cover Page: Name, Date, Title, Class Period
2. Table of Contents
3. Question, Background Research, Sources Cited, Hypothesis
4. Procedure (Materials and Methods)
5. **Data**: Include Swim Data: Averages for each test group shown (Data tables cleaned up, copied and pasted into Word document.)-see Talia’s example
6. **Data**: 2 colored Box & Whisker plots compared for whole group (hand written on graph paper, or paste a photo of completed graph paper into report doc)

* First swim date (original set, reordered set, 5 number summary, plotted on number line.)
* Average of all mice (original set, reordered set, 5 number summary, plotted on number line.)

1. Data Analysis (1-2 paragraphs-compare test groups final average & Box & Whisker plots. Explain how data relates to mouse memory of platform location. Use direct data as evidence.
2. Conclusion: Restate Hypothesis, was hypothesis supported by data? Explain analysis of swim time averages and whether they show support or not. \*\*Include 3 or more sources of error that could have affected the data collected.
3. Give recommendations for ways to eliminate these error sources for next year. (optional)
4. Include applications for use (who would be able to use this information?) (optional)