

Name _____ Date _____ Period _____

Lab partners _____

Present Your Findings!
****3.3 Independent Investigation****

Fill out each item below based on the experiment you designed, conducted and analyzed. This will be a valuable document to use when writing your conclusion.

1. Investigable question

2. Brief description of your set-up and data collection

3. Claim: *What trends or relationships do you find in your data? How did the independent (manipulated) variable affect the dependent (responding) variable? OR What does the slope tell us about the relationship between the independent and dependent variables?*

4. Evidence - refer to your CODAP graphs: *Quantitative or Qualitative Data belongs here. Use numerical evidence from your data table and/or slope of the graph to support your claim.*

5. Reasoning: *Explain how the evidence supports the claim. This is your opportunity to demonstrate an understanding of science concepts discovered in, or applied to, this lab.*

6. Possible source of error: Explain what could have gone wrong in the experiment AND how to fix it in the future.

7. Real-life application to an amusement park ride
