Physics Lab write up

Must be individual write up w/ Shared Data Tables

Design → why, what, how

Construction → Dreams to Drama, successes + difficulties
What modifications to your design where needed? What did you learn building your model
How did you feel about your model when it was done?

Testing, Measuring - why, how, Data

Calculated Ke
Calculated Velocity

Video Analysis of Velocity - why is this method more accurate than the calculated velocity?
Show how the data was different

Acceleration Analysis Create a Table of the accelerations in your Roller Coaster - please use bigger ~~than~~ time intervals than 1/30 sec. Look for patterns in velocity.

Conclusions — Tie All Aspects into your perception of the Learning experience. Explain what the DATA Shows. Talk About the Safety of your Designs based on the Accelerations.

Presentation → Quick overview of Design and Construction.
Quick discussion of building process.
- DATA Analysis
Explain the Differences between your calculated Velocity and your measured velocity
Talk About the Accuracy of your DATA. Talk about the forces present in the motion of the ball. Talk About the Acceleration Trends
Wrap up