# Grading Rubric—Centripetal Motion Lab Report 08-1

| Point Value earned | value | Item | | Criteria (pts earned \| criterion) |
|---|---|---|---|---|
| | 7 | Title Page/Format | | Name (1 Pt) |
| | | | | Date (1 Pt) |
| | | | | Teacher Name (1 Pt) |
| | | | | Lab Number + Title (1 Pts) |
| | | | | Correct Format Typed/Font Etc. (3 Pts) |
| | 4 | Purpose | | Brief Paragraph Format (1 Pt) |
| | | | | Clearly Stated Objectives (3 Pts) *Measure Resultant, Different Methods Etc* |
| | 4 | Apparatus | | List of all items used (1 Pt) |
| | | | | Word Description Of New Apparatus (2 Pts) *List Of Parts, How They Are Set Up And Manipulated* |
| | | | | Pictorial Of New Apparatus (1 Pt) *Drawn Or Computer Generated View Of Set-Up Materials* |
| | 4 | Procedure | | Step By Step Instructions Of Any Changes To The Lab (4 Pts) |
| | 16 | Theory | | Terms / Laws (5 Pts) |
| | | | | Definitions Of Words Not Often Used Outside The Science Community.(4 Pts) |
| | | | | Based on the Purpose of the Lab, what the theory says should happen in the lab (3 Pts) |
| | | | | Paragraph Form/ Proper Grammar/ Attention Given To Detail/ Complete Study Of Topics (4 Pts) |
| | 10 | Data | | Title (2 Pts) |
| | | | | Units (2 Pts) |
| | | | | Column/Row Labels (2 Pts) |
| | | | | All data represented in tables (4 Pts) |
| | 7 | Data - Graphs | | Proper Number (2 Pt) |
| | | | | Correctly Labeled (1 Pt) |
| | | | | Scaled Appropriately (1 Pt) |
| | | | | Data Extracted From Graph Discussed In Results (3 Pt) |
| | 10 | Calculations | | One Of Each Type Of Calculation Shown (6 Pts) |
| | | | | Proper Format Used (4 Pts) |
| | 10 | Analysis (Error Analysis) | | Statement Of Results (5 Pts) *Percent Errors, A.D., a.d. How Close Results Were.* |
| | | | | Discussion Of Error/Sources (2 Pts) |
| | | | | If You Did This Lab Again, What Range Of Data Would You Expect To Collect? What Would You Accept? (3 Pts) |
| | 10 | Results | | Explain Data not Predicted by Theory (2 Pts) *Is The Error Really Because Of Bad Measurements? Do not restate error analysis.* |
| | | | | What Is The Data Showing? (3 Pts) |
| | | | | Connection Results With The Purpose (3 Pts) *Relation Back To Statement – Was This Successful?* |
| | | | | Pose questions for future research (2 Pts) |
| | 5 | Questions | | All Questions Asked In Lab Are Answered (5 Pts) |
| | 5 | Conclusion | | Closing Statement (5 Pts) *Personal Reaction, Pre-Lab Hypothesis Modified, Etc.* |
| | 4 | Pre-Lab Prediction | | Attached, Typed, And Signed (4 Pts) |
| | 4 | Bibliography | | Attached And Properly Formatted (MLA/APA Style) (2 Pts) |
| | | | | Parenthetical Documentation (MLA/APA Style) (2 Pts) |
| | **100** | TOTAL=_____ | | Early/Late Points: |

Students Name:_____

Comments: