**Concave Mirror Lab**

\_\_\_ Name and Date (1)

**Design**

\_\_\_ Descriptive Title (1)

\_\_\_ Background Paragraph (3)

\_\_\_ Question/Purpose (3)

\_\_\_ Hypothesis (3)

\_\_\_ Materials (3)

\_\_\_ Clear, detailed procedure (3)

\_\_\_ Labeled diagram of setup (3)

**Data Collection and Processing**

\_\_\_ Data table

 \_\_\_Title (1)

 \_\_\_ Labels (3)

 \_\_\_ Units (3)

 \_\_\_ Appropriate data recorded (3)

 \_\_\_ Uncertainty stated (1)

\_\_\_ Sample Calculations provided (3)

\_\_\_ Graph

 \_\_\_Title (1)

 \_\_\_ Labels (3)

 \_\_\_ Units (3)

 \_\_\_ Points plotted correctly (3)

 \_\_\_ Best fit line (3)

\_\_\_ Slope of best fit line calculated (3)

\_\_\_ Focal length is calculated from best fit (3)

**Conclusion and Evaluation**

\_\_\_State a conclusion (3)

\_\_\_ State percent error (3)

\_\_\_ Discuss sources of error (3)

\_\_\_ State realistic improvements to the lab (3)

\_\_\_\_/65 Total (Minus 10% per day late)

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