

# Egg Drop Basket Rubric

Name \_\_\_\_\_ ( \_\_\_\_\_ / 39) Total Points \_\_\_\_\_  
 Name \_\_\_\_\_ ( \_\_\_\_\_ / 39)  
 Name \_\_\_\_\_ ( \_\_\_\_\_ / 39)  
 Name \_\_\_\_\_ ( \_\_\_\_\_ / 39)

Journal ..... 10 \_\_\_\_\_  
 All Days..... 1 \_\_\_\_\_  
 Typed..... 1 \_\_\_\_\_  
 Everyone/every day ..... 2 \_\_\_\_\_  
 Specific..... 6 \_\_\_\_\_

Basket constructed on time ..... 1 \_\_\_\_\_

Hypothesis ..... 1 \_\_\_\_\_

Materials ..... 1 \_\_\_\_\_

Procedure (Vague) ..... 1 \_\_\_\_\_

Observations (Qualitative) ..... 1 \_\_\_\_\_

Data Table ..... 8 \_\_\_\_\_

Correct Labels..... 1 \_\_\_\_\_  
 Heights completed ..... 3 \_\_\_\_\_ (1 per meter)  
 Average Time..... 1 \_\_\_\_\_  
 Average Velocity..... 3 \_\_\_\_\_ (1 per meter)

Diagram ..... 7 \_\_\_\_\_

Neatly done..... 4 \_\_\_\_\_ Each view (2 points)  
 Labeled..... 2 \_\_\_\_\_  
 ~ To scale ..... 2 \_\_\_\_\_  
 Looks like basket ..... 4 \_\_\_\_\_  
 Pictures of basket ..... 2 \_\_\_\_\_

Math ..... 6 \_\_\_\_\_

Average time ..... 3 \_\_\_\_\_  
 Average Velocity ..... 3 \_\_\_\_\_

Questions ..... 16 \_\_\_\_\_

1. Which trail do you think had the highest force? .....2 \_\_\_\_\_  
 Explain.
2. How do Newton's 1st, 2nd, and 3rd Laws apply? .....6 \_\_\_\_\_  
 Be specific. (Use examples)
3. What could have done better next time? .....4 \_\_\_\_\_
4. If you could steal 2 ideas from other groups, .....4 \_\_\_\_\_  
 what would they have been and why.

**Lab Report Total** ..... **48** \_\_\_\_\_

**Group Total** ..... \_\_\_\_\_