

Name:

Date:

Class:

Formative Data Analysis Rubric

Instructions to reviewer: Use these criteria to rate the poster presentation on a scale of 1-5 (1=strongly disagree; 3=neutral; 5=strongly agree).

Appearance					
1. Data collected from video into Table 1.	1	2	3	4	5
2. Ordered pairs created for all three bounces.	1	2	3	4	5
3. A freehand graph showing all three bounces.	1	2	3	4	5
4. Axis, vertex, and x intercepts are labeled, and the regression lines are written in the given space.	1	2	3	4	5
Analysis					
5. The choice of base and ball is justified.	1	2	3	4	5
6. Position, velocity, and acceleration at vertex and x-intercepts are stated.	1	2	3	4	5
7. Energies are classified as kinetic energy and potential energy, and energy conservation is discussed.	1	2	3	4	5
8. Domain and range of the graphs are discussed.	1	2	3	4	5
9. The quadratic equations are written as a piecewise function for the whole domain.	1	2	3	4	5
10. Acceleration of the ball is identified as "acceleration due to gravity" (9.8 m/sec^2).	1	2	3	4	5