Real-World Quadratics Project
(Directions and Scoring Rubric)

1) Create a poster (at least 8.5" by 11" in size) of a real-life situation that involves motion through the air (e.g. thrown object, hit ball, person jumping, etc.). Write a realistic equation for the motion using variables for time and height (NOT distance). CLEARLY explain the quadratic, linear, and constant terms of this equation. (_25 points_)

2) Include a graph of height over time. (25 _points_)

3) Add an original title. (10 _points_)

4) Use at least 4 colors EFFECTIVELY. (_10 points_)

5) Include at least one picture (separate from the graph). (10 _points_)

6) Be NEAT! (_15 points_)

7) Write first and last name clearly/neatly on the back. (_5 points_)