




Physics Projects - An Overview


First Quarter Projects (Total = 135 points)

-  **Physics Toy Chest** (35 points) OR *Individual Project*
Physics Cartoon Project (35 points)
Due date: one week after progress reports – **Monday, September 24, 2007**


-  **Egg Drop** (100 points) *Individual/Partner Project*
Due date: Wednesday, October 10, 2007
Drop date: Thursday, October 11, 2007
Report: Wednesday, October 17, 2007
Egg must survive being dropped from various heights including the classroom, the gym balcony and the third floor window. Rubric will be determined by the class.


Second Quarter Projects (Total = 200 points)

-  **Periodical Critique** (75 points) *Individual Project*
One periodical critique per grading period
Due date is set for two weeks **before** the close of the grading period
Friday, November 16, 2007


-  **Annual Firestone Bridge Contest** (125 points) *Partner Project- team of 3*
Building and Breaking Date: Friday, December 21, 2007
The winners of this competition will represent Firestone High School at the City's Engineering Competition held at the University of Akron.
Rubric will be determined by the class prior to the event


Third Quarter Projects (Total = 160 points)

-  **Physics Toy Chest** (35 points) *Individual Project*
Physics Cartoon Project (35 points)
Due date: one week **before** progress reports – **Monday, February 4, 2008**

-  **Mousetrap Car** (125 points) *Individual/Partner Project*
Due Date: Thursday, March 6, 2008
Race Day: Friday, March 7, 2008
Rubric will be determined by the class prior to the event

Fourth Quarter Projects (Total = 225 points)

-  **Periodical Critique** (75 points) *Individual Project*
One periodical critique per grading period
Due date is set for two weeks **before** the progress report due date
Wednesday, April 2, 2008

-  **Catapult** (150 points) *Individual/Partner Project*
Due date: Monday, May 12, 2008
Launch date: Monday, May 12, 2008
Catapult dimensions will be determined by the class and Ms. M. The catapults must be at school my **Monday morning**. Minor adjustments can be made the day of the launch on your own time before the "competition" begins. Rubric will be determined by the class prior to the event.