

Mr. Riske's 2007 Integrated Science Egg Drop Rules

1. You may choose to compete in one of two categories
 - a. Category A:
 - i. Maximum mass: 1kg (about 2.2 lbs)
 - ii. Maximum outer dimensions: 10cm x 10cm x 10cm
 - iii. Must protect 1 egg
 - b. Category B:
 - i. No limit on mass or dimensions
 - ii. You must be able to drop/throw your object off of the bleachers without hurting your self, others, or PSLHS property (You may choose to arrange for a crane and an alternate drop zone if your project is too large to lift manually)
2. Project is due Monday 10/22/07 – No excuses. This falls under the major projects rule. You may turn it in early.
3. You may not alter the egg in any way. (i.e. boiling, coating the shell in nail polish, soaking the egg in vinegar, taping the egg shell, etc.)
4. Maximum group size is 3 persons. List must be submitted in writing, signed by all parties, by Monday 10/15.
5. Your egg(s) must survive 3 tests:
 - a. We will drop your egg protection device from the top of the home football bleachers (Approximately 23' or 7m) onto grass or plywood.
 - b. We will throw your egg protection device from the top of the bleachers. We may choose to throw it straight up, straight down, down the stairs – whatever method seems most likely to kill your egg. ☺
 - c. Your egg protection device will then be stepped on by a 250+ lb man, namely Mr. Riske.
 - d. You get 50 points for surviving each test.
 - e. Egg survival is defined as no cracks in the egg shell.
 - f. You must provide the initial egg(s). Replacement eggs will be available should an egg fail midway through the process.
6. You may not use peanut butter or jelly. While they work quite well, they are too messy and attract too many bugs. Remember our school is in the middle of a swamp.