**Egg Drop Contest**

Purpose: Individually you will create a project that will protect an egg (keep it from breaking) when it is dropped from the top of the football stadium.

Rules:

1. The project must be less than 150 g (excluding the egg). You may bring in your project early to check its mass and then take it home to continue working on it.
2. I will provide the raw egg on the day of testing.
3. I will drop all projects.
4. No balloons, parachutes, bubble wrap, or ANY type of foam are allowed.
5. Nothing that **cannot** be removed may be attached to the egg.
6. I must be able to TOUCH a portion of your egg with my finger once it is placed in your contraption.
7. From its start position, your egg project must fit on a 8 ½’’ x 11’’ sheet of paper. (note that it may be 3 ft high and still fit on the area of the paper)
8. Egg projects must not exceed 1m in height.
9. Once dropped your project must fall to the ground on its own without any aid (human or otherwise).
10. Egg projects may not be attached to the ground or stadium in any way. They must be free standing.
11. Once a project has hit the ground you have 3 minutes to retrieve and present it to me for scoring. The entire egg must be removed and presented for scoring. (ie. Your project should not be so complex that it takes more than 3 minutes to retrieve your egg after it is dropped.)
12. Projects will only be tested **once** and no revisions may be made at the last minute on the day of testing.

Note: Failure to follow all of the rules will result in disqualification and no credit.

Grading: Grades will be determined based on the standards below.

**PJ1.1 – Project follows all rules and is completed on time.**

**PJ1.2 – Project safely drops an egg to the ground without breaking or cracking.**

Reassessment: Egg drop contraptions who do not meet standard PJ1.2 may be reassessed. Students will have 1 night to make any changes to their egg drop contraptions and complete the egg drop reassessment form. Revisions must be original. For example, you may not use an idea that a classmate already used successfully. Revised projects will be dropped before or after school on the next school day.