Egg Drop Project 2011

ITP 9

WHO WILL BUILD THE LIGHTEST PROJECT AND STILL SURVIVE?

Objective: You are to make or build something that is the lightest possible weight, and yet durable enough to protect an egg thrown from the top of the outside home stands so that the egg doesn't break from the fall. Think of the egg as a passenger in a car going through a crash test.

SCORING/RUBRIC

Total of 40 points
Blue print/drawing of device* ***20* *points*

Creativity/Participation* ***10* *points*

*Device will be scored as follows:

10 points - Egg survives the fall fully intact
9 points - Egg is cracked, but intact
8 points- Egg is broken
0 points - Project is not done or disqualified

Rules!

- Of course the egg and its contraption must hit the ground! I will be doing the throwing ☺
- No balloons or parachutes are allowed.
- The egg and the project must weigh less than 200 grams. (the average medium egg weighs 50 grams)
- Your egg project must fit on a regular size sheet of paper. (note that it may be 3 ft high and still fit on the paper)
- Your egg project must have a chamber to place the egg inside of on the day of the drop.
- You may not use nerf balls, pillows, or stuffed animals to protect your egg.
- You may bring in your project early to weigh it - if your project is overweight you may take it home and make any necessary alterations. If you wait until the last minute and your project is overweight, it will be disqualified.
- Once a project is in school it may not be touched by anyone other than its owner. Please have your name and class period written on it.
- Once a project has hit the ground it is your responsibility to retrieve your egg and show it to me for scoring.

Examples: On the back I have put a few pictures of projects to help inspire you ☺

picsed.com

ryanbyrd.net

http://www.flickr.com/photos/tend2it/5804410585/