

## **Egg Drop/Toss Contest**

The object of this contest is to design a container that will protect a large grade-A egg from breaking when the box is tossed to the target zone. The unbroken egg which ends up closest to the Drop Zone target will be the winner!

Number of Participants: 2 people per team

### **Materials:**

- You may use any type of material for the construction of your packaging.
- The maximum size limit: the package must fit through a 5 inch diameter circle at the greatest distance across.
- There is no weight limit.
- Large grade-A eggs will be provided at the competition.
- Each entrant's name(s) and school must be clearly marked on the package.

### **Official Egg Drop/Toss Contest Rules:**

- Each package must hold a single large grade-A egg.
- The competition will be held outside on the cement.
- The eggs will be dropped from the top of the stairs of the Performing Arts Center (F block building).
- No assisting the device to the ground with slides, blankets, etc.
- After each toss each box will be opened to determine if the egg was broken.
- If the egg is broken the contestant is eliminated from the competition.

### **There can be no changes to the container design between the initial and final round**

- The remaining contestants will then toss their boxes from the Performing Arts Center to a target adding distance to their drop.
- Each box will be measured for the closest distance from the target.
- Entrants who interfere with any part of the competition will be disqualified.
- The official Egg Drop judges will determine if contestants follow all contest rules.
  - \*Closest to the target in this order wins their Heat.
    - 1) Unbroken
    - 2) Cracked but not broken
    - 3) If all broken, closest to target is the winner.