

EGG DROP CONTEST



Drop an Egg, Win an iPad!



Riverside Long Night of Arts & Innovation
Riverside City Hall
Thursday, October 8, 2015

Come join Siemens for an Egg Drop contest and enter to win yourself an Apple iPad mini.

Entry Deadlines -

School Students (k -12) - 6:30PM at Siemens Booth at Riverside City Hall

College Students and Above - 8:30PM at Siemens Booth at Riverside City Hall

**Share your Egg Drop Idea and pictures on Facebook,
Twitter or Instagram -**

#SiemensEggDrop #LongNightRiv

GENERAL:

Contestants will design and build a container that will prevent an uncooked chicken egg from breaking when dropped from a series of incremental heights . All materials will be provided by Siemens. Contestants may use all or any part of the following materials.

MATERIALS:

Contestants will have the following materials available at the booth to construct their egg drop design -

- | | |
|----------------------------|---------------|
| ▶ Cardboard | Plastic Bags |
| ▶ Paper | Q-Tips |
| ▶ Tape, Glue & Rubberbands | Dixie Cups |
| ▶ Straws | Cotton Balls |
| ▶ String | Aluminum Foil |

DESIGN & CONTEST RULES:

- ▶ No kits or pre-made designs may be used. The structure must be the individual’s invention and created on site during the hours of the event. Refer to time slots per age group at the front of the flyer.
- ▶ Only the allowed materials provided (listed above) may be used. Eggs will be provided by Siemens and the design must not include changing the egg in any way, shape or form.
- ▶ No parachutes are allowed!
- ▶ The egg design must fit on a regular 8 ½ X 11 sheet of paper (The height of the container is not a factor - it can be tall and still fit on the paper.) The weight of the container/design can be no heavier than 1 pound.

JUDGING:

A panel of judges will grade the devices according to the conditions below:

- ▶ The egg remains intact. If any of the egg’s contents spill, the design is disqualified.
- ▶ The egg which survives the highest fall is considered the winner. If there is more than one device which qualifies to be the winner, the judges will determine a winner based on the following:
 - The size and weight of the design: Most points are awarded for the minimum size and weight.
 - Ease of operation: Most points are awarded to the device which is the easiest to load.
 - Creativity and Engineering Practice: Most points are awarded to the device which demonstrates the most creative design solution, the greatest knowledge of physical sciences, and the greatest craftsmanship.
 - Durability of the Device: Most points are awarded to the device with the least damage by the end of the competition.
- ▶ Discretion of the judges. The decision of the judges will be final.

**Those who do not participate,
their minds are *scrambled*, the
yolk is on them and they are
cracking up!**

Do *you* have the egg-factor in you?

#SiemensEggDrop #LongNightRiv