

EGG DROP

OFFICIAL RULES

COMPETITION OBJECTIVE:

Each contestant will design and build a container that will hold 1 egg and prevent the egg from breaking when dropped from the top of a 90-foot-tall building.

THE CONTAINER:

Each contestant will be asked to present their container for inspection after signing in. Your container must meet **all** of the following criteria:

- 1) Size: Container must be shaped so it will pass through a 12"x12" square opening. The length is unlimited as long as the container will pass through a 12"x12" opening.
- 2) Materials: You may use any materials you wish, except glass. However, if the judges feel your container presents a danger when dropped, for whatever reason, it will be disqualified.
- 3) Engineering: All entries must fall freely under their own weight. **Parachutes or helium balloons are not allowed.**
- 4) Design: There are no restrictions or guidelines for the appearance of your container. Keep in mind there will be awards for creativity. Have a blast!

THE EGG:

Design Collaborative will supply the grade A extra-large eggs. Please do not bring eggs!

SIGN-IN PROCEDURE:

- 1) Upon arrival, please present your container.
- 2) The judges will inspect your container for compliance with the rules of the competition. **Their decision is final.**
- 3) Judges will then supply each contestant with an egg. Contestants are responsible for loading the egg in the container and sealing it as required. Once you are satisfied that you have the container ready, you will hand the container to the judge. At this time you will not be allowed to handle your container again before it is dropped.

THE DROP:

- 1) Your container will be dropped by a judge from the dropping device at roof level.
- 2) All containers are expected to land on or near the target (the large frying pan). Any device dropped that lands on the entry roof east of the frying pan will be dropped from the entry roof by a judge stationed on that roof. There will be no devices dropped a second time from the higher roof.

JUDGING:

- 1) When your container hits the frying pan, a judge will open your container, and check for cracks. **Their decision is final.**
- 2) If you want your container, it will be returned at this time.

AWARDS:

Prizes will be awarded as follows:

Grand Prizes:

- Awarded to the egg that doesn't break, 1 per age group
- In case of a tie, the winner will be the lightest-weight container*

Most Creative:

- One overall

Most Scientific:

- One overall

Most Devastating Crash:

- One overall

Most Devastating Crash to Survive:

- One overall

SPECTATORS:

Please bring your own lawn chairs and blankets.