

# OFFICIAL 2024 PWCFRS EXPO EGG DROP CHALLENGE RULES

## GENERAL INFO: Pre-registration:

- Begins October 7th @ 8:00 a.m.
- Ends October 9th @ 5:00 p.m.

*\*Registration forms received before 8 a.m. on October 7<sup>th</sup> and after 5 p.m., on October 9<sup>th</sup>, will be disqualified.*

## REGISTRATION:

- **Registration opens Monday, October 7 at 8:00 a.m. and closes on Wednesday, October 9<sup>th</sup> at 5:00 p.m.**
- **Limited number of registrants (30) accepted, once filled registration will be closed.**
- **Click on the link below to access the registration form located on our website at:**
  - <https://www.pwcva.gov/department/fire-rescue/pwcfers-all-county-public-safety-expo-2024>
- **Send completed registration form to: [dfphotos@pwcgov.org](mailto:dfphotos@pwcgov.org)**

## CONTEST OBJECTIVE:

Each contestant must design and build a container that will:

- **Hold 1 egg.**
- **Prevent the egg from breaking when dropped from the top of a fire truck.**

## THE CONTAINER:

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

- 1) **Size:** Containers 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. **NO PARACHUTES OR OTHER PIECES THAT OPEN or DEPLOY UPON DROPPING.**
- 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. **The most creative design will receive a ride on a fire engine around the County Government Center.**

## **THE EGG:**

PWCFRS will supply the eggs. **Please do not bring eggs!**

## **SIGN-IN PROCEDURE:**

- 1) Upon arrival, please present your container at the Egg Drop site.
- 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 into their 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 fire and rescue member from a fire truck.
- 2) All containers are expected to land on or near the target located beneath. **There will be no devices dropped a second time.**

## **JUDGING:**

- 1) When your container hits the target area, a judge will open your container, and check for cracks. **(Judges' decisions are final)**
  - If you want your container, after the drop, it will be returned at that time.
- 2) Winners re: the DROP:
  - One winner per age group:
    - Ages 6 – 9 years old
    - Ages 10-12 years old
- 3) Winner re: CREATIVITY:
  - One winner
- 4) Prize
  - Ride on a fire truck around the County Government Center
    - **Parents sign a waiver authorizing the ride prior to the child boarding the fire truck.**