

Cub Scouts Pack 95 – Egg Drop Challenge

The Egg Drop is an exciting Scout experiment in engineering and learning about the laws of gravity. Scouts can sharpen their engineering skills by preparing a container or apparatus to hold a raw egg, which will be dropped from a high point – with the goal being you don't wind up with a scrambled egg! The event is primarily for fun, although a few award categories are provided below. Families or siblings are also welcome to participate (if time permits during the event) but will not be a part of the judged entries.

Challenge Rules (for those competing for the below award recognition)

- Official challenge entries must be from Cub Scouts within Pack 95. After all scouts have participated, siblings and adults may also take a turn with their container.
- A raw egg will be provided by Pack 95 to ensure similarity of all eggs.
- Pack 95 leaders (aka. egg drop judges) will place raw egg inside a plastic sandwich bag (to prevent messes from smashed eggs).
- The container/apparatus will need to have an unsealed access point for a Pack 95 leader to insert the egg. After the egg is put in place, the Cub Scout can seal the apparatus.
- No Parachute Designs are allowed for the official challenge awards (but can be used for non-competitive fun).
- Cub Scouts must make their own container/apparatus.
- All material for container/apparatus and inside padding are to be supplied by the Cub Scout. Suggestions include jello, cooked pasta, popcorn, crushed newspapers, plastic or Styrofoam peanuts – use your imagination.
- Each entry must be clearly marked with the Cub Scout's name.
- The egg will be dropped by our fire department from their extended truck ladder.
- Containers access point will be cut open (and potentially destroyed) after the drop to check if the egg survived (or if it is ready for the frying pan).
- Award decisions from the egg drop judges are final in all cases.

Award recognition for the following areas

1. **Smallest Container** - This award will be given to the smallest apparatus that successfully completes the Egg Drop without breaking the egg inside. Maximum size is 12" X 12" X 12".
2. **Scout Spirit** - This award will be given to the apparatus that shows the most Cub Scout Spirit. The egg does not need to survive unscathed to win this design award.
3. **Coollest Design** - This award will be given to the apparatus with the most unique/original design that successfully completes the Egg Drop without breaking the egg inside.