

# EGG DROP GUIDELINES

## GENERAL:

-Entrants will design and build a container that will prevent an uncooked chicken egg from breaking when dropped from the platform (height to be determined). The secondary goal is for the container to land close to the target.

-The container volume must be less than 800 cm<sup>3</sup> (volume =length x height x width) with no single dimension longer than 25cm. .

-Eggs will be provided by the library the day of the contest. You may not bring your own egg.

-You may begin construction at home. At the Science Fest, materials and space to build will be provided beginning at 1:00 p.m. All entries must be complete by 3:00.

## MATERIALS:

No kits or pre-made designs may be used. The structure must be your own design.

The structure may not involve a parachute, bungee cord, or string extending from the container. No propulsion.

Volume will be calculated based on the shape of the container.

You may bring your own materials or use what is available at the library.

Containers will be inspected and verified by event staff before being dropped.