

# Eggs-traordinary Challenge

## Rules and Guidelines

### **GENERAL:**

Students (Either working independently or as a group no more than 4) shall design and build a container that will prevent an uncooked egg (Grade A Large) from breaking when dropped from the Fire Department's Ladder at approximately 20 ft. The container must be no longer than 12 inches (12 x 12 x 12). The Maximum weight, including the egg, cannot exceed 5 pounds. Students must be able to remove the egg without damage.

### **MATERIALS:**

Must ***NOT*** contain:

- Liquid or gel
- Styrofoam/foam of any type
- Shredded Paper
- Packing peanuts

Materials Allowed:

Wood, String, Glue, Plastics, Paper Products, Bubble Wrap, Straw, Tape, Rubber, Yarn, Rubber Bands, Cups, Cardboard, Bowls

### **DESIGN AND CONTEST RULES:**

No kits or premade designs may be used - students may use other ideas for inspiration but not duplicate others inventions.

### **JUDGING:**

All Eggs will be dropped by grade level by the fire department. Eggs must remain intact to receive a prize. The level that an egg is cracked (either fully or partially) will be determined by the judges. A partially cracked egg will have a slight opening but not leaking and a fully cracked egg is when the yolk is leaking out.

### **DEADLINE:**

April 1, 2022 - Please sign up on the website <https://www.evanscitypto.com/>  
SCIENCE DAY- EGGS-TRAORDINARY CHALLENGE!

**CONTEST IS Saturday, April 23rd - Look for the Fire Truck!**

\*\* Eggs will be dropped by grade Level - Please arrive with your egg container 10 minutes prior to release time.\*\*