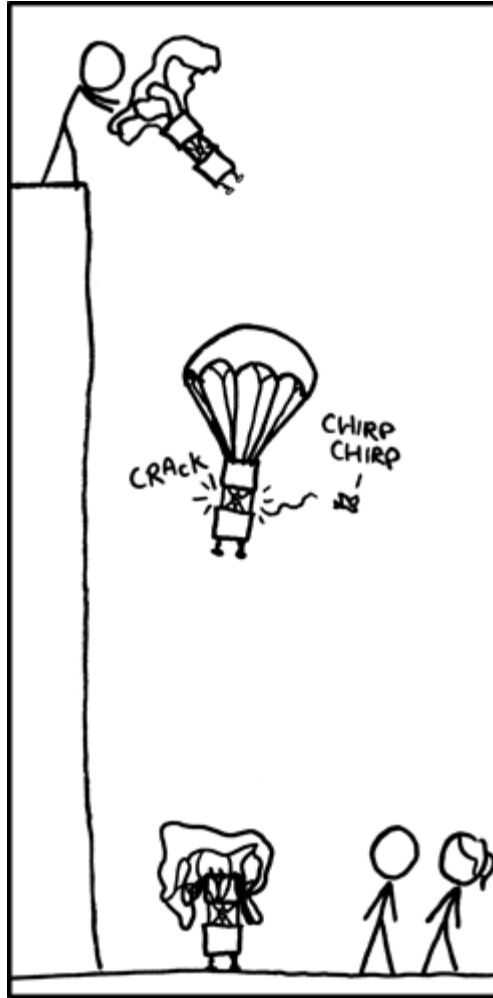


Egg Drop Challenge



Objective: Design a system to protect an egg from cracking or breaking from a high fall from a ladder that I will drop it from.

Procedure: Use the Scientific Method to solve the problem. Ask, Guess, Do, Observe, Answer.

Requirements:

- Size: must not be bigger than a shoebox

Team: Students will work in groups of four and will create their package here at school. Your student will be assigned to a team. They will need to determine what materials to bring in to school to work on it.

Materials: I will provide the eggs but everything else will need to be brought here to school.

Here are some examples for materials, but you may use others.

- Plastic straws
- Popsicle sticks
- Tape
- Recycled paper
- Glue
- Plastic bags
- Boxes
- Used material
- Plastic containers
- Paper towel
- Foam
- Rubber bands
- Baggies
- toothpicks
- Cardboard tubes

Websites

<http://montshire.org/programs/special-events/egg-drop/>

http://kidsciencechallenge.com/pdfs/2011activities/Zero-Waste_Egg-Drop-Challenge.pdf

<http://www.sciencekids.co.nz/projects/eggdrop.html>

Teams:

#1

Ava Penix
Bryson Hitt
Hayden Carter
Lucas Webster

#2

Brooklyn Serafini
Gabby Hall
Hunter Fletcher
Matt Hayes

#3

Jack Klein
Lily Ellison
Reyna Hyliard
Savannah Cushman

#4

Berlynn Lyke
Izzy VanWagnen
Maggie Page
Haiden Rentschler

#5

Ashley Yang
Kiara Hall
Frank Rupnik
Kyle Bamm

#6

Owen Lambarth
Piper Vaderspool
Ben Haeussler
Bridget Kelly
Jeanie Baker