



THE GREAT EGG DROP - AN EGGS EXPERIMENT

And that's
no yolk!

It's an eggciting eggspereience!!

The Problem: To package a raw egg so it will survive a 3 story fall out of our classroom window to the concrete below.

Procedure: Use the Scientific Method to solve the problem.

(1) State the Problem (2) Collect Data (3) Make a Hypothesis (4) Experiment
(5) Accept or Reject the Hypothesis (6) Report Your Results.

Requirements:

Size - Your package must fit out of classroom window (approx. 8" x 58")

Egg must be sealed inside a ziplock baggie in case of injury to egg

Use only materials from the MATERIALS LIST
on the back side of this page!!

Launch Control:

Bring package on morning of launch with name, hour, and dropping instructions clearly labeled. Place on table in classroom.

Egg should be fresh and sealed inside package.

Two official egg droppers will be selected from each class.

Extracting Your Egg "Astronaut":

You will open your packages one at a time to show the class what yours was made of.

Remove your egg and gently crack it in its baggie to prove it was a raw egg.

This Year's Launch Date is
Thursday, Sept. 9

Clean Up:

All eggs in special container. All other trash in large trash bins.

Grading:

Your grade is not affected by whether the egg lives or dies.

Your grade is based on having followed directions (only used materials allowed) and using the scientific method (be sure you test your package). The Egg Drop Summary will also be graded.



Materials List for the Great Egg Drop

You may use **only** materials from this list and you must stay within the quantity limits described below.

1 sheet of newspaper

2 sheets of notebook or printer paper (8 1/2" X 11")

2 paper plates

6 drinking straws (paper or plastic)

Tape (two feet or less)

String (two feet or less)

Glue (for gluing things together only)

1 plastic or Styrofoam cup (32 oz. or smaller)

10 toothpicks (or less)

10 popsicle sticks (or less)

1 balloon (8" diameter or smaller)

Air (78% Nitrogen, 21% Oxygen, 1% other gasses)

Plastic spoons, forks, and/or knives (limit of 2 total)

One 24 oz. or smaller water bottle (no water)

