

# Egg Drop Supply List

Here is the 2015 list of approved materials. You do NOT have to use all of the materials but you may ONLY use the materials from this list.

- **1 white large or extra large chicken egg – raw NOT boiled.** NO it may not be small, brown, blue, speckled, rainbow, etc.!! Does it make a difference? I don't know, but the answer is **NO YOU MAY NOT USE ANY OTHER TYPE OF EGG OTHER THAN ONE WHITE LARGE OR EXTRA LARGE UNBOILED EGG!!**
- **EITHER 4 PAPER 5 oz Dixie cups** (make sure they are 5oz!) **OR 3 toilet paper rolls** (NO toilet paper on them!) **You may NOT use both – may NOT mix cups and paper rolls! One or the other but NOT both!**
- **10 regular straws (straight or bendy)** – not coffee straws, stir sticks, Whataburger giant drinking straws, etc. Just plain ol' straws!
- **25 wooden toothpicks** – pointy or flat tipped or rounded...don't care!
- **25 popsicle sticks** – apparently these come in different sizes I don't care what size you use. I also don't care if they are plain or colored sticks.
- **10 cotton balls** – you MAY “fluff”
- **1 sandwich bag** - (NOT gallon/quart/snack/etc! Just sandwich size!!)
- **1 meter of string/yarn** – you MAY cut up into smaller lengths
- **50 cm of masking OR scotch tape no wider than 1 inch** - (no duct tape/ mailing tape/wider width/etc.) be careful here...I have seen some kids projects who looked like they used an entire ROLL of tape! You want to cut off 50 cm and work with only that strip of tape. Not pull off strips and forget how much you've used.
- **6 rubber bands** – I don't care about color, size, etc.
- **10 paperclips (no size specification)** – You MAY change the shape.
- **Glue (elmers, Gorilla glue, hot glue, super glue)** – **No construction adhesive!** You MAY not coat your egg or glue anything to your egg!



You may **NOT** use the glue, tape, string, or anything else to strengthen your egg!! Glue, tape, string, etc. is for either holding your structure together or for packing material. You may not adhere anything to your egg. Your egg may be surrounded by supplies, but they may NOT be glued or taped to your egg.

You may **NOT** design a parachute, wings, or ANYTHING designed to “CATCH” the air to slow the descent!!

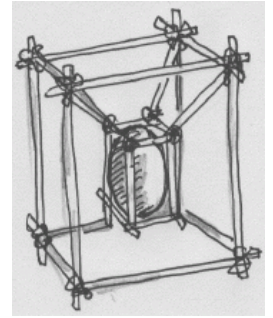
Your structure may be **NO LARGER than 12x12x12 inches.**

**You MAY work independently or in group of 2. No more than 2!!**



# Egg Drop

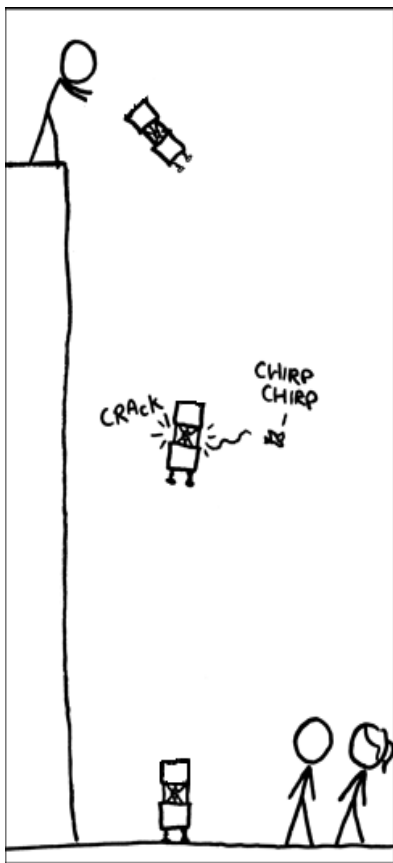
Thursday, MAY 14!!!



You may design a structure using **ONLY** the supplies listed below to protect an egg from a 2<sup>nd</sup> story drop. We are **NOT** launching the egg, simply dropping it.

**This project is a TEST GRADE. Grades are as follows:**

- Egg survives with no cracks/damage = **100**
- Egg is cracked but intact = **90**
- Egg has lost its innards = **80**
- Student ***uses more supplies than on list or uses supplies that are NOT on the list or creates an air resistance design*** = 75
- Student doesn't participate or tries to "cheat the system" (uses boiled egg, rubber bands one cotton ball onto the egg and drops it, etc.) = **0**
- your structure is ***difficult to open*** after it's dropped and it takes me ***more than 3 minutes*** to cut it open to inspect your egg = **minus 10 points**



You may build and test at home as much as you wish.

**NO building or trials/tests at school at all.**

**NO BUILDING or REDESIGN** will be allowed on your drop day. **I supply NOTHING.** I will have to cut open your structure to inspect your egg after it's dropped.

**Eggs and structures will be TRASHED at the end of the period.** You may **NOT** take your structure or egg with you. So take a picture of it at home!

**Egg drop is THURSDAY, MAY 14!!**

**Want +5 pts? POST a picture of YOU building or launching your egg at home!**

1. Edmodo: post in your class period
2. Email: [Lauren.Simpson@springbranchisd.com](mailto:Lauren.Simpson@springbranchisd.com)
3. Instagram: #Simpsoneggdrop2015 or @laurenannsimpson