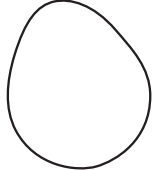
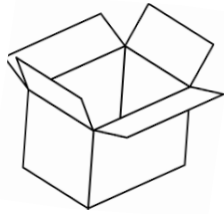

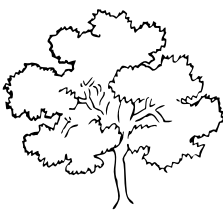



# An Easter Egg-Speriment

Eggs are **egg-stro**dinary things - birds, fish, reptiles and even playtpuses lay eggs! A baby animal grows inside an egg (not a shop egg though!) until it is ready to hatch. Therefore, it is very important to keep eggs safe.

This challenge is all about protecting your egg.

## You will need:

1. A chicken egg from a shop 
  2. Recycling materials 
  3. A tape measure 
  4. An outdoor space (or a plastic bag to put your egg in!) 
- 

## The challenge:

1. Build an egg-protector using your recycling materials (see some ideas below!)
2. Drop your egg in its protector from 1 metre off the ground:
  - Did it break?  
If so, try a different egg-protector design and try again!
  - If your egg did not break - hurrah!  
Now try dropping your egg from a slightly higher distance...
3. Keep going until your egg breaks!

Share your record-breaking egg drops with us!!

@morethanadodo #eggstremedrop

Make sure you do this outside, or put your egg into a bag to contain the mess!

Did you find one kind of egg-protector worked better than others?

What was the highest you could drop your egg from without it smashing?

## How to protect an egg...

Here are some of our favourite ways to try keeping an egg safe...

### Cushion the fall...



Wrapping layers of soft things around the egg gives it a softer landing!

### Add a parachute...



Adding a parachute slows down the egg so it won't break!!!

### Soften the shell...



Leaving an egg in vinegar makes the shell softer, and less breakable!

'Egg Drop' by Mini Grey tells the story of a little egg that just wanted to fly... listen to the story here, read by Mrs Sage:  
<https://www.youtube.com/watch?v=4lxBq9nJkig>

## The best egg-drop ever!

David Donoghue set the world record for an egg-drop in 1994.

He dropped an egg (by itself!) out of a helicopter which was as high up as **35 houses** on top of one another!

David carefully worked out the speed and position he dropped his egg, so that it landed on a golf course and didn't break! **Wow!**

Egg-stra Challenge

How far can you throw an unprotected egg without it breaking?

## So why do birds lay eggs?

Dinosaur scientist Marie-Claire Koschowitz speaks to Oxford Sparks about her research:

You can watch her podcast - 'Why do birds lay eggs' here:

<https://www.oxfordsparks.ox.ac.uk/content/marie-claire-koschowitz>



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