

# Can you drop an egg without breaking it?

Yesterday we considered light as an 'agent of destruction'. People can also be a threat to objects.

- If we touch objects without gloves the oils in our skin can damage them.
- We add to the heat in a room and the amount of water in the air when we breath.
- We must handle objects carefully or we might damage them.

One way to prevent an object being damaged is to ensure it is packed carefully when not on display... so let's test your packing skills!

Imagine an egg is actually a rare glass vessel or a priceless example of pottery...

I only had a huge cardboard box so I used a plastic tub.

1. Take one egg, put it in a clear bag and seal it up. This means if the egg breaks it doesn't have to be wasted and it doesn't make a mess. Don't forget to ask first!
2. Choose the container you will pack your egg in. It needs to be large enough to take the egg and a lot of protective packaging. It will also be dropped so choose something that isn't breakable - a cardboard box is perfect.
3. Collect packing material. This could be old newspaper, bubble wrap, straw, scrap fabric. Anything that will cushion the shock of a drop...
4. Pack the egg in it's bag in the box. Try to prevent the egg from moving around in the box and provide enough packaging to protect the egg against the shock of a drop. Then seal the box with sticky tape.
5. Are you ready? Are you confident? If you are, drop the box from shoulder height. Do this outside just in case...



## Did your egg survive?

