

Equipment

- Raw Egg
- Selection of common household materials including cardboard, string, plastic bags, bubble wrap, newspapers etc.

The Challenge

To design and construct a protective casing in order to protect a raw egg from breaking when dropped from a height (say from an upstairs window) onto the ground.

Method

The idea is to protect the egg from breaking by either making a parachute or some sort of protective casing (or both!) You can then test it by dropping the egg from a height such as an upstairs window.

Using common household materials, you can either cover your egg or construct a parachute or build a structure around your egg in order to absorb the impact from the ground so that the egg does not break when it hits the floor.

Health and Safety

Please ensure that there is no-one in the 'dropping zone'

Care must be taken when dropping the egg from a height, particularly off a chair or from an upstairs window – please ask an adult to do this for you

