

Egg Drop Point Totals

Survive 1 meter drop = 10 points

Break at the 1 meter drop = 5 points

Survive 2 meter drop = 5 bonus points

Survive 3 meter drop = 5 bonus points

Lab report = 20 points

Procedure section – you must explain how you built your device and explain the physics involved in how it was supposed to work.

The lab is worth 30 points with a possibility of 10 extra credit points.

Procedure:

- 1) Describe how you built your egg protection device. Diagram and/or explain completely.**
- 2) Describe how it should protect the egg from breaking using physics concepts such as the following: use as many as apply to your device**

Momentum

Forces

Velocity

Terminal velocity

Stopping time

Any others that you can think of!