

## Egg Drop Checklist

### Problem

\_\_\_ In the form of a question

### Research

\_\_\_ 4-quadrant page with multiple design ideas, labelled and measured

### Hypothesis

\_\_\_ Final design drawing

\_\_\_ Labels of materials

\_\_\_ Measurements in cm

\_\_\_ Multiple views

\_\_\_ Paragraph justifying why you chose the design (4-5 sentences)

### Materials

\_\_\_ A list of materials, including how many of each

### Procedure

\_\_\_ Step-by-step "recipe" for how the device was built

### Data

\_\_\_ Data chart containing columns for

\_\_\_ Did the egg break?

\_\_\_ Time

\_\_\_ Speed

\_\_\_ Up to three sketches of successful egg drop devices

### Conclusion (include physics vocabulary)

\_\_\_ Explanation of how your egg did compared to what you expected it to do

\_\_\_ Explanation of design improvements

\_\_\_ Explanation of how other designs were successful and why

\_\_\_ Explanation of how the second design improved your understanding of egg drop devices