Name:Aaron Das Period: B-day; 2

**Reflection Questions**

1. Was your hypothesis right? In other words, did you correctly state a hypothesis that was true after you dropped your egg?
2. Answer) Yes, my hypothesis was correct. My egg drop contraption was successful because it was able to protect an egg that was dropped from the second floor of my house.
3. Was your egg contraption sucessful? If so why? If not, why?
4. Answer) My contraption was successful because there is a protective outer shell that absorbs most of the shock of the drop, while the main container of the egg is inside and safe.
5. What could you have done to make your container more successful?

3. Answer) I believe I could’ve made the “wings” (which catch air to help the container fall slower) on the same level in relation to each other. My contraption also breaks apart after a fall, which could be solved if I make the outer part fit into each other much smoother.

1. After watching the egg drops, who had the best design? What made their design different from yours?
2. What do you think the overall purpose of this project was?
3. Answer) I think the purpose of this project was for us to go through the design process by ourselves and construct a device based on the constraints. This was also our first major project using the design process.
4. How could you relate these egg contraptions to real life situations?

6. Answer) The most common real life situation that is relatable to the egg drop contraptions is the protective factor of a car, which protects a human against crash.

1. State one new thing you learned from this project. 7. Answer) I learned that air resistance is really important for a project like this because it helps the contraption slow down, and that could mean the difference between a successful contraption and a defective one.

1. Did you enjoy this project, if so why? And if not, why?
2. Answer) I sort of enjoyed this project because I’ve never done a project like this before, and it was fun thinking of a contraption that would protect an egg and then building it from only cardboard.