

I created a project in my 4th period science class that was designed and constructed for a new way of shipping eggs. The goal was to make a parachute or a container than was able to hold an egg and be dropped from a high distance. Gabe, my partner, and I built a box that gave the egg some room but Kylie and Laura came and helped us with our flaws in the project. They let us use some foam so the impact of the box hitting the floor wouldn't break or crack our egg.

My partner was Gabe, for the most part we worked well together. Originally I was supposed to work alone but I'm glad he was my partner. I think he got annoyed though because I didn't worry about making it perfect, but in my defense we had one day to build it because we dropped the parachute idea last minute and we just had a box, so I had a feeling it wouldn't work out.

I think I contributed a lot more than I got credited for because I was working like behind the scenes. Gabe did the might have done most of the construction but I was the one who had talked to Laura and Kylie about letting us use some supplies and asking Cheyenne for some cloth for the parachute when that's what we needed. Gabe did help me a lot though, he had the reigns on this project.

Our newest design had a tough outer layer of paper with foam sheets in between in the egg and the paper. The foam was supposed to soften the blow by it didn't work as planned. We also used ten cotton balls to hold the egg in softness. We had the egg secured in every way, except for the top. By testing it, we were almost positive that the box would not land on top, but of course it rolled over and cracked the egg. Our design did horrible during the egg drop! Not only flip upside down but it kind of drifted off the

target. So we were about 20 cm off the target. We didn't put anymore than one foam piece over the top, which was a mistake, so like I said earlier it shattered.

If I could go back again, I would have put the parachute on the box because it would slowed down that fall and secured that the box wouldn't land on the top. I would have also used a lot more materials and upgraded the ones we were using like paper for example, it wasn't strong enough. I would really prepare my design in a way that any possible way it would land, my egg would be secured. I would also work a lot harder and take it much more seriously. This week we didn't really worry about it up until it was due that day. Gabe and I would have stayed in the science room and finish during lunch.