

Group #1:

Paper Airplanes

For our cross curricular task, we basically had to conduct any experiment we were interested in. My group wanted to do something that included airplane models, and how far they could fly. We made a type of airplane model, called a hoop and straw plane, and made that in 3 different sizes. We tried to investigate how different sizes of an airplane model can affect the distance the planes are flown, and how the distance of how far the airplanes are flown can be different if they are not the same size.

I think I can say from behalf of my group that we really enjoyed doing this experiment. I don't think any of us had ever conducted a cross curricular task in previous grades, so doing it in Grade 9 was very amusing. Also by doing a cross curricular activity, I think we definitely learned so much more, while it was also so much fun. I think we'd all love to do many more of these further in our highschool years!

Group #2:

Our Balloon Drop

For our grade 9 cross-curricular assignment we did a balloon drop lab. We filled the balloons with different amounts of water and dropped them all from 2 meters high to see how mass and weight affect gravity's pull on an object. We then plotted our results on a scatter graph in our math class. The project was very fun and we enjoyed it a lot. The lab helped us build our teamwork skills and helped us learn how to navigate google sheets better.

Group #3:

Gummy Bear Experiment

This experiment was about exploring how long it took for individual gummy bears to expand in various sources of sugar water. For example trial one was with 1 tbsp of sugar while trial 2 was with 2 tbsp of sugar and so on. During this experiment we had lots of fun and it was very interesting to see how the outcome of this experiment evolved.

