



LET'S SAVE TREES

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Generation Green

My Community's Initiative

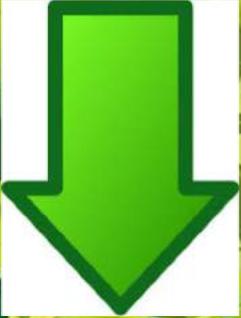
My community initiative was about using our devices instead of using paper. I chose this idea because I have a huge family and all of my siblings go to school. They heavily rely on paper to take notes which increases our carbon footprint. Not only that but a bigger part of it is that my mom is an accountant therefore she prints lots of her bills. This increases our impact, that is why one of the ways to reduce our huge carbon footprint is by reducing the amount of paper we use and instead using our laptops.

This would save lots of CO₂ since the production of one paper produces a lot of pollution, giving the fact that it needs to be shipped, and recycled. Laptops on the other hand do produce carbon emissions but, it is much less than paper since you use as many pages as you want.

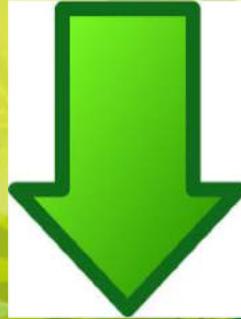


Process....

I did my project for 10 days in total. 5 days measuring our paper waste before and 5 days measuring our waste after using our devices.



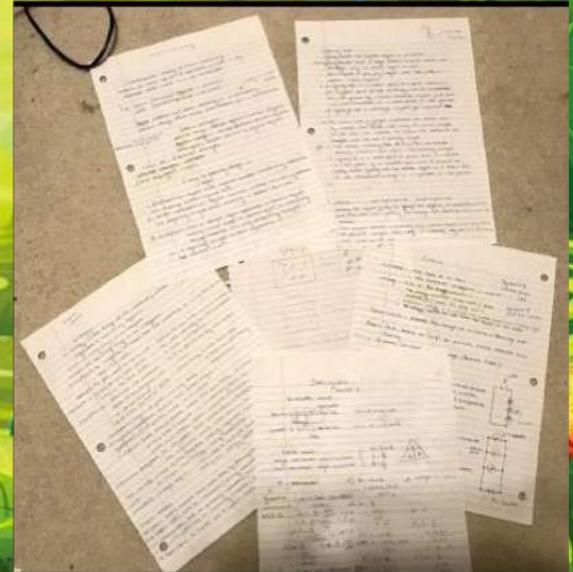
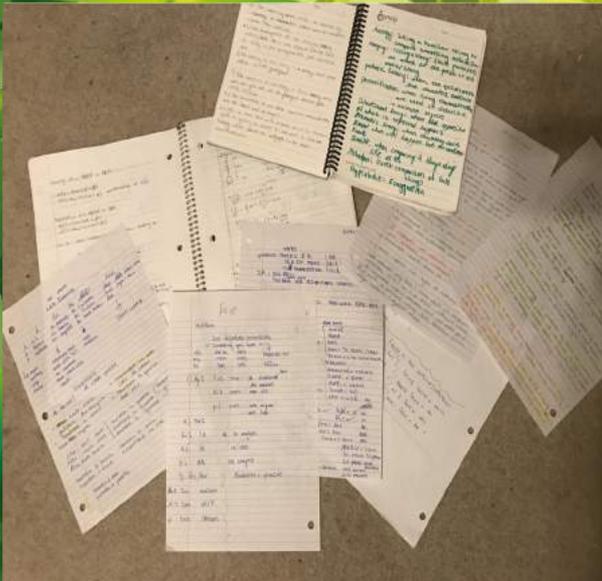
5 Days Measuring Paper Waste



5 Days Measuring Laptop Waste

RESULTS FOR PAPER

In the five days I tracked my family's paper consumption. Overall, we used 50 pages of paper in five days. These 50 sheets of paper produced 204.2676563 gCO₂eq.



RESULTS FOR LAPTOPS

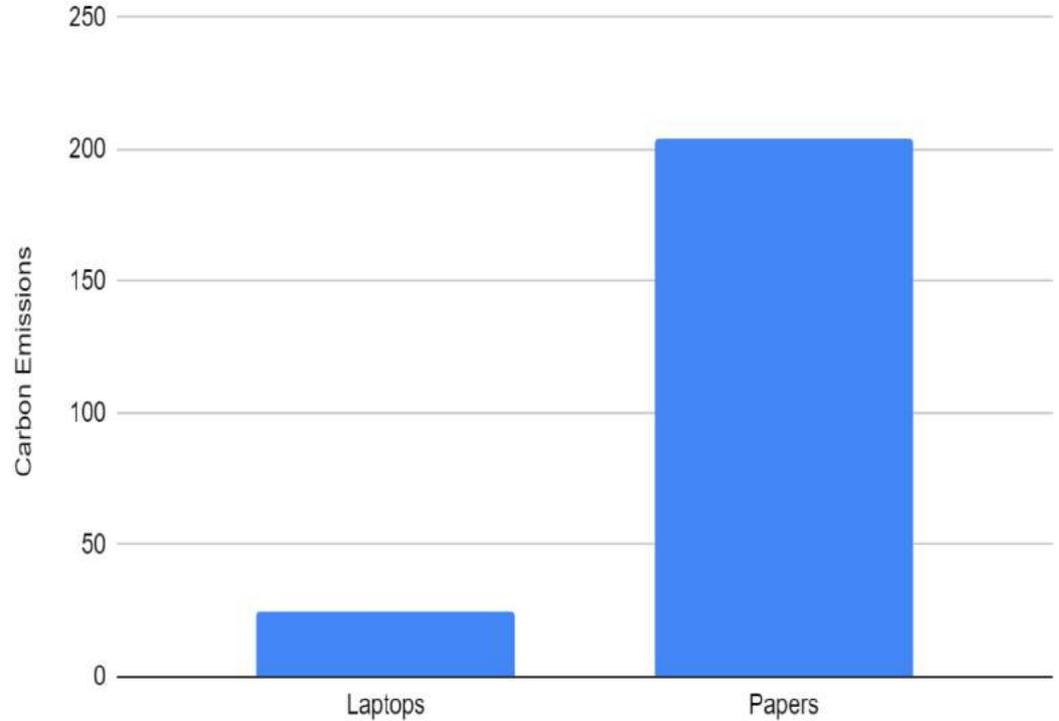
In the five days I tracked my family's devices consumption replacing paper usage. Overall, we have consumed 2.5 hours on our, this means we have produced 25 gCO₂eq. In conclusion, if we use our devices instead of paper then we would save 179.2676563 gCO₂eq in 5 days and 13086.53891 gCO₂eq in a whole year!



Data

After this initiative, you could see from this bar graph that paper produces more CO₂ than laptops do.

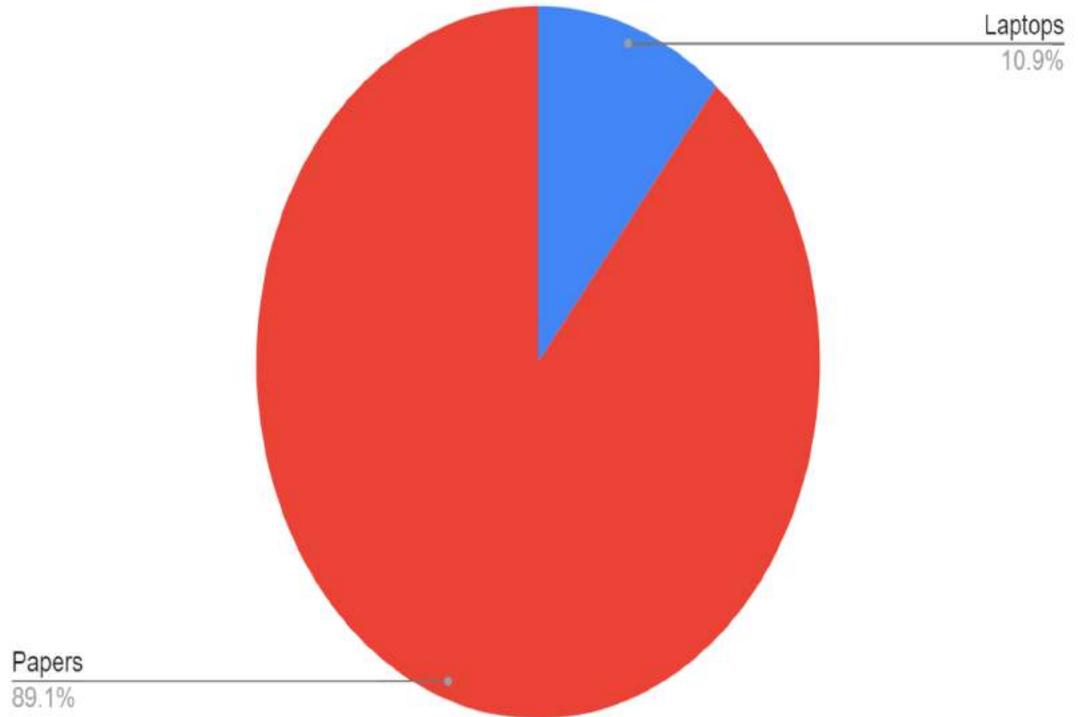
Laptops vs. Papers Carbon Emissions



Data

This pie chart also showcase the overall results. As you can see here, laptops carbon emissions makes only 10.9% of the total carbon emission in this initiative while paper makes up 89.1% of the rest.

Laptops vs. Papers Carbon Emissions



Conclusion

After saving 179.2676563gCO₂eq just by not using paper and using our electronic devices my family and I plan to stick with our laptops instead of paper for things that are not necessary. For example, taking notes, saving files and typing assignments. This simple idea could reduce our carbon footprint and slowly make us a more environmentally friendly consumers. This small action that would save us 13086.53891 CO₂ eq this whole year has really inspired me to continue doing it and to share awareness about it with my friends and the audience!



“Plant A Tree Even If It Is Your Last Deed”