# Saving The Environment

Did you know that the Australian Broadcasting Corporation estimates that the world spends a staggering 5.9 trillion dollars annually on pollution related sickness? This is a lot of money and you might be part of the cause! For example if you drive your car, it releases 4.6 metric tons of carbon dioxide ($CO_2$) annually! But don't worry, if you want to decrease the amount of pollution, try these helpful ways of using public transport, practicing recycling and using energy efficient sources.

Firstly, one way of decreasing your emissions is by riding public transport. This helps because when you ride your car, you will only ride with a few people, right? This means that four people might emit the same amount as ten or maybe twenty people. What I'm saying is basically that your car should carry as many people as possible to reduce the waste. Public transport fixes that because trains and buses carry up to a whopping 1000 people!

Secondly, another way that you must do to save the environment is to recycle objects. Take a water bottle for example, you would use it and then throw it away right? Well, to save that water bottle, you can do many things with it like make a boat or try and flip it. This way, things don't go to waste. For instance, in 2018, recycling and composting in the U.S. saved over 193 million metric tons of $CO_2$ equivalent emissions.

Lastly, the final way to reduce pollution is to use energy efficient resources. This is when you use a machine that produces the same outcome with less resources. For example,  a heat pump water heater uses less energy to heat water than an electric resistance heater, providing the same service (hot water) with less input. This helps the environment by using less energy. Globally, improving energy efficiency could deliver over 40% of the carbon reduction needed to align with Paris Agreement goals!

Therefore, with these facts, you undoubtedly should start using these tips of using public transport, recycling and being energy efficient. So what are you waiting for, go and save the world NOW!