

# Air Quality

Elderslie High School

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## The Problem

The problem that our group chose was about Air Quality in the Camden community. Due to the increasing levels of particles from dust storms, bush fires, changing gas emissions from transport, industries and agriculture, there is now a greater risk of respiratory and cardiopulmonary problems for humans. If the poor air quality in Camden continues into the future there will be serious problems and issues to the local residents. This is why we chose this problem as we believe this could be a big threat to the future generations if a solution is not found soon.



## Our Team's Solution

Our team discussed many possible solutions and decided the most logical way would be to create a system/law. This system states that every Tree cut down in the property you own must be replaced or replaced along with 4 other trees in a given environment that is healthy and safe for that tree. This will help the deforestation and ensure no longer damage will be done to our community. We also hope this makes a positive impact on the current air quality.



## How We Came Up With The Solution

We came up with a solution to this problem that we discovered through completing this project was to use nature to our advantage by planting trees to filter out our carbon emissions. Through our research we uncovered the shocking statistic that over 46% of the total trees on our planet have been cut down. To fix the issue of air pollution we needed to fix the damage that has been caused by previous generations first and plant more trees. To achieve this we created a law that if not followed can lead to serious charges.



## Benefits Of Our Work

We hope that the outcome of our system will benefit everyone in the local environment and improve the present air quality. Eventually everyone who participates or is in the local area will experience a decrease in bad air quality issues. The area where the trees will be replanted should be a sustainable area and will be the right environment for whatever tree is being replanted. Another major benefit from our project was how much we learnt. From the research and overall project, our group learnt a lot about air quality and how to improve it. Especially in the local area.



## What Did We Learn?

This project helped us to understand how significant the air pollution crisis is in our country. Before researching this topic we didn't truly understand how much damage has already been caused to our environment and how much air quality affects our community as well as the health of humans. We researched to educate ourselves on possible outcomes and solutions on this issue. We learnt a lot more about the air quality problem in more depth which helped us to understand ways to create a solution. Overall this project helped us gain new skills and knowledge on air pollution and quality in our local area.



Thankyou!!