

Preventive Measures Against Global Warming at School

1. Motivation behind Research Paper

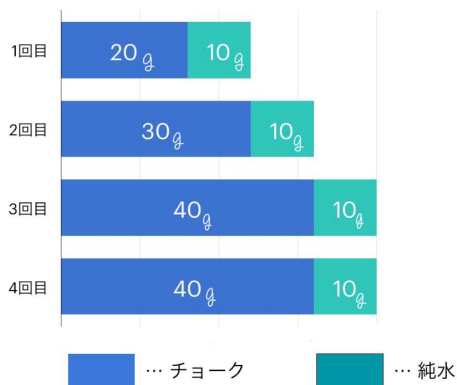
Today, global warming is a huge problem around the world. According to the IPCC Fifth Assessment report from 2013 and 2014, the global average surface temperature, including land and sea, went up 0.85 between the years 1880 and 2012. According to the Ministry of Environment in 2014, global warming means that the temperature on the ground rises as the concentration of greenhouse gases increases and intensifies. The effects of global warming include an increase in temperature, raised sea levels, and a negative impact on crops. In order to prevent this problem from getting more serious, we have to take measures to prevent global warming urgently.

2. Introduction

The aim is to decrease carbon dioxide by conducting experiments related to reusing chalk at Nara Prefectural High School. The study conducted by students from Kariya High School in Aichi prefecture states that they make anything equivalent to the chalk they usually use, but they were able to make chalk that can be used. In addition, a study conducted by Koka Gakuen Junior and Senior High School for Girls students stated that they were able to make it easy to write chalk. The sources for this research paper will include online resources.

3. Results and Analysis

In the first experiment, the ratio of chalk to water was 2:1. The chalk that we created was so fragile that it was useless. In the second experiment, the ratio of chalk to water was 3:1. The chalk that we created was a little stronger than the first chalk, but it was still useless. In the third experiment, the ratio of chalk to water was 4:1. It was stronger than the second time, and it was a little more usable. In the fourth experiment, the ratio of chalk to water was set to 4:1 as in the third experiment, and a straw was used to help shape the chalk. However, it was a failure because the chalk stuck to the straw and could not be peeled off.



I think there are two reasons why this experiment failed. First, the proportion of water was large. Second, I used a straw when forming the chalk. If we were going to use a straw, we should have devised something such as lubricating oil so that the chalk would come off easily..

4. Conclusion and Future Problems

This time we conducted an experiment to reuse chalk. As a result, we could not make good chalk. Also, we did not even know how much we could contribute to reducing carbon dioxide, but we found out that we can reuse chalk. If we do not take measures against global warming, greenhouse gases will continue to increase. As I

mentioned at the beginning, according to the Ministry of Environment(2014), if we do not take measures against global warming, there will be an increase in temperature, an increase in sea level and water level, and the impact on crops.

5. Reflection

The experiment I conducted this time was a good opportunity to think about global warming. I think global warming is a difficult task for us. That is why I thought we had to think about what we can do as a countermeasure against global warming. In addition to the measures that can be taken at school, I am going to start by doing small things such as saving water and electricity.

6. Work Cited

IPCC Fifth Assessment Report. "The current state of global warming. " Ministry of the Environment. 2013~2014. Web. 13 Sep. 2022.