

GLOBAL WARMING

A polar bear cub is stuck in a piece of melting ice.



Global Warming is a serious problem.

Imagine this... you look around the street and the only thing you see is a garbage pile and there is a dark layer of gas in the sky. Global Warming is the gradual increase of the earth's temperature because of the greenhouse effect and pollution. It effects the planet and living things in many ways. This disaster came to earth because of us, the human beings. There are a lot of reasons why global warming happened, and what the results are such as climate change, ozone layer depilation, and more. But we can still change the future. So why don't we clean our dark future and make the earth smile?

The Climate Change and the Melting Ice

In 2013 10% of the Arctic ice melted. Land ice in Greenland has decreased 100 billion tons per year. If you have seen photographs from a documentary called, "The Chasing Ice", it shows the seriousness of Arctic ice melting and the difference between before and after. During the last hundred years after Global Warming started, 10% of the Arctic ice melted. The climate change can be the cause of the Arctic ice melting. Arctic ice melting can be the cause of the sea level rising, which shows us that Arctic ice is a very important matter. The sea level is rising about 3.18mm per year now, and it has already risen nearly 7 inches over the past 100 years.



The past of earth and the future of the earth.

The reason why the Arctic ice is melting is because of the climate change. Last century the temperature rose 1.2 ~ 1.4 degrees F. The climate change has increased 1.5 degrees F since the 1880's when the Industrial Revolution started and the use of fossil oil increased the amount of other gases. One of the gases that are causing the climate change is carbon dioxide. Carbon dioxide has risen about 395 parts per million. Do you know that if earth warms by 6 degrees, we won't be able to live in planet earth any more? Well you better know now cause if you don't now we won't be able to change our future. Nasa says that by the end of this century the climate will increase 2~10 degrees, unless we make a change.

The Ozone Layer Depletion

Do you know that the ozone layer depletion can effect our lives? Ozone layer depletion is caused by major air pollutants and greenhouse gas traps heat from escaping earth's atmosphere. The ozone layer protects us from direct sunlight. If the ozone layer disappears from earth because of the greenhouse effects, we no longer can go outdoor because of the strong sun rays. But already, there is a big hole in the ozone layer in Antarctica and it gets wider every time the southern hemisphere turns to spring. Right now it has so far stretched up to 10.05 million square miles. But the biggest issue is that the ozone layer reached it's deepest point of the season on October 9 tying the year for the 10th lowest one in this 26 year record. So because of

these problems, if the ozone layer totally disappears, we, the human beings and the animals, will have a hard time with the weather, which makes the living things, including us, leave the earth.

Greenhouse Effects

Greenhouse effect is caused by many gases that destroys the ozone layer. Gases that are contributed to the greenhouse effects are water vapor, carbon dioxide (CO₂), nitrous oxide (N₂O), chlorofluorocanones (CFC), and methane. In earth the human activities are changing the natural greenhouse. Over last century the burning of fossil fuels like coal and oil has increased the CO₂. So if you try to see the future, earth can change like mars, which only has a very thin layer of atmosphere that is mostly covered with CO₂. But can humans live on mars right this second? No. So do you think humans can live on earth if the earth changes like mars? No. But it is not as easy to change as you may think. Not only that greenhouse effect can change earth like mars, but it is also making natural disasters more common.

The Global Kitchen

In these days, lots of people are vegetarians and care about what they eat. But still some people around the world are starving or over weight. The reason why the food problem is a serious problem is because the crop growing, and meat eating are making the earth's future darker. These days the, crop growing, and food trash is a serious problem. But the crops

such as corns are much easier and faster than growing the vegetables. But the crops are not being grown for us. It's for the cows and pigs. Since we try to eat more and more meat, it makes the farmer grow more and more animals faster. But because they're trying to grow too many animals too fast, the animals change unhealthy. This, however, is not the only problem. Because we grow more and more animals, they're farts are making the earth dirtier. And also since the number of animals grows more and more, the amount of the crop fields grow. As a result of having more crop fields all the lands and forests are getting destroyed. According to the exhibition called Our Global Kitchen in the American Museum of National History, the scientists say that the future we will have to put up the, round, ball shaped, greenhouse in the sky because we won't have any more room left in the earth. Would you want the sky to get covered with the ball shaped greenhouse?

So, if you're afraid of what will happen to you in the future, fix what you're doing now! The ways are easy. Walk or ride your bicycles instead of riding a car or a taxi. You can also try using less electrical devices such as air conditioners, and heaters to protect and stop the melting ice and protect the polar bears and other Arctic animals. Try wasting less food and water. Take showers instead of baths. Every step that you take, makes the future of the earth, and makes the earth decide whether or not it will smile at us again.