



## PHILIPPINES

### INTRODUCTION:

The ozone layer plays a very important role in filtering harmful UV rays from reaching the Earth's surface. From the last two decades, ozone depletion has been a major environmental issue. With the decrease in ozone content in the ozone layer, it leads to the increase in the amount of harmful UV rays from reaching the Earth's surface which would affect human health and the ecosystem. And aside from this, it would also contribute to the changes in the Earth's climate.

What are the causes of ozone depletion?

Through this activity the students will be able identify the factors and products that causes ozone depletion and be able to know the different measures our government had undertaken to preserve our mother Earth.

### RESULT OF GATHERED DATA:

From the information gathered from Malaysia (SC2), Indonesia (SC3) and Philippines (SC1), it seems that we had been using the same products or refrigerants but they are modified so as not to destroy more our ozone layer. In our findings here in the Philippines our refrigerants are being modified to become environmentally friendly, there is a seal "ozone friendly". There is still the use of freon but modified already so that it would not be more reactive to ozone. The use of aerosol spray are being discouraged and other products that release CFC's are being eliminated.

Our government had passed a law in Clean Air Act. This relates on making our air free from harmful chemicals that would contribute to the changes in our climate and would affect human health and our ecosystem. Industries and factories are also being monitored on the kind of chemicals that they give off to air, land and water that would harm our environment. The reproduction of aircoolant and other refrigerant should be ozone friendly.

As students we are encouraged to plant more trees since trees give off oxygen. We should also be aware of the kind of products we are using at home and in school that they should be environmentally friendly. The use of spray with harmful chemicals on it are discouraged and other alternatives should be used if possible.

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Students: First Year

### WORKING GROUPS

