

INDIAN WOMEN SCIENTIST'S ASSOCIATION (IWSA)

Nellore

A Report on Air and water pollution

Place of the Project presented: Harivamsi English
Medium School, Tirupati

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Participants: 8th Standard Students

Date of Presentation: 18/11/2019

Summary:

The School gave an opportunity to present a small project on "Air and Water pollution " on 18th November, 2019 for 8th standard students. I have started with what is Air pollution and impacting the people from cities to villages. Described about the human activities in cities where we can find factories, power plants, automobile exhausts, burning of fire wood and making dung cakes in the villages. All these activities increasing the carbon monoxide in the air whereby decreasing the oxygen carrier capacity of the blood in the human respiratory system. Therefore the man-made pollutants that are the most destructive, like greenhouse gases that contribute to global warming and the destruction of the ozone. Carbon dioxide is one of the worst air pollutants, it's mainly emitted from power plants, cars, planes and other vehicles and comes from burning fossil fuels. Another major air pollutant is methane, which comes from raising livestock,

and CFCs (chlorofluorocarbons) which are used in aerosol products. Also made the students to understand the air pollution has been linked to health problems like asthma and lung disease, as well as the deterioration of the ozone layer (which protects us from harmful UV rays) and the warming of the earth which may destroy the habitats of many animals. Governments are trying to encourage people to lessen air pollution driving less, recycling and limiting their energy consumption.

Next started explain about the Water Pollution: If water is cloudy, smelly and has garbage floating in it, then it's easy to know that it's polluted, but clear and clean looking water can be polluted as well with toxic chemicals. Polluted waters aren't safe to drink or swim in and can cause illness even years after you're exposed, or you can feel the effects indirectly by eating seafood that has been poisoned by its environment. Water pollution occurs naturally where oil and petroleum leak from underground into the ocean in what are called "Petroleum Seeps," the biggest one being off the coast of California in Coal Oil Point Seep. Humans create water pollution with adding chemicals and oils to the water from factories, mining and oil spills from commercial tanker and throwing garbage into open waters from boats or onshore, and untreated sewage. Contaminants like asbestos can get into the water supply causing devastating health issues to those exposed. Those affected are encouraged to find representation with a wide range of expertise so they can get them the compensation they deserve.

Glimse of the Session







Thank You