

SD Exercises

Michelle Magrise • May 17
15 points Due May 17, 1:30 PM

Please find attached file for your activity. No cheating and no late submission.

Quiz Compute for the SD.do...
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 Chapter 1 Long Test Due Apr 10, 2022, 1:00 PM

ASSIGNMENTS ⋮

 Biodiversity and Healthy Society  10	Due Jun 29, 2022, 11:59 PM
 Think about it?	Due Jun 29, 2022
 Processing Questions: When Tech and Hum...	Due Jun 15, 2022
 Individual Output (Asynch Session Ap...  59	Due Apr 22, 2022, 11:59 PM
 Processing Questions (Science, Techn...  37	Due Mar 31, 2022, 5:00 PM
 Processing Questions (Science Education)	Due Apr 10, 2022, 11:59 PM

SCIENCE - RELATED ISSUE ACID RAIN

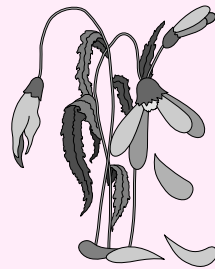
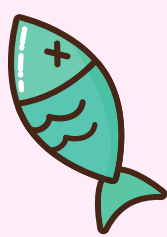
WHAT IS ACID RAIN?

According to the EPA, Acid rain, also known as acid deposition, is any type of precipitation that contains acidic components like sulfuric or nitric acid that falls to the earth. It refers to any precipitation with a pH value lower than that of regular rainwater.

WHAT CAUSES ACID RAIN?

It is caused by both natural and man-made phenomena. Based on a research by the Environmental Management Bureau, the transportation sector is responsible for 65 percent of emitting CO₂ and NO₂ for contributing to air pollution in which reacts with water molecules in the atmosphere that produce acid.

EFFECTS OF ACID RAIN



Acid rain may generally be tolerated by the ecosystem to a certain extent. Acid rain can harm terrestrial plants, corrode and erode buildings, marble statues, and other artworks, and damage the soil by causing minerals in the soil to dissolve much faster than normal. It can also harm water resources and aquatic life, as well as corrode and erode buildings, marble statues, and other artworks.

SOLUTION

As I mentioned above the main factor in which the acid rain happened is because of too much emitting gases (CO₂ & NO₃) by transportation sector. For me, we should focus on improving of terminals and public transportation in our country, my propose first step to combat that issue is to enhance number of buses and First and foremost is to Increase passenger comfort and safety to encourage them to commute instead of using their private cars, it may also reduce the traffic and can save more money. because we all know that acid rain has posed huge risks not only to the environment but also to our health.

In addition, private sectors can also help to pursue people by creating programs and seminar for biking or cycling in which more beneficial to our health, environment and also to our country.

I believe that does changes and suggestions may help to reduce the main source of carbon dioxide and many other compound gases to avoid the Acid rain that usually has a pH between 4.2 and 4.4.





AGRICULTURE

PROCESSING QUESTION (SCIENCE EDUCATION)

EXPENSIVE ENERGY SOURCE FOR MACHINES

Agricultural Problems

Farmers do not often receive the right amount of salary for their job. Plus, majority of the farmers provide their own supplies for farming especially the land farm, crops, support animals (kalabaw), and machineries. Since people now are living in modernize country, machines are introduced not only in the city jobs but also in the farm jobs. Farmers nowadays work with the help of machines since it is more efficient than manual work. It saves a lot of time and workload. This results in a problem which is energy source.

All of the machines are powered by fuel or electricity which is we all know that it is expensive. It is a widespread problem among the farmers since the income salary they are receiving are only enough for their living without having extra income to save. We can see them work just for living and surviving life without minding their savings. Machines are expensive and the maintenance and how to operate the machine si still expensive. There are a lot of ways to lessen the expenditure of the agricultural farmers but I will introduce one and hope to be implemented all over the country.



RENEWABLE AND INDIGENOUS SOURCE OF ENERGY

By implementing different kinds of renewable and indigenous source of energy, it will lessen the expenses of the famers inline with the energy problem. We can introduce to them the different kinds of renewable energy source such as Solar Energy, Geothermal Energy, Wind Energy, Biomass, and Hydropower. If the government will support this project, it will give a great help not only for the farmers, but also the consumers who are in to rice and different crops.