

TOPIC :- ENVIRONMENTAL POLLUTION (TYPES, EFFECTS AND CONTROLS)

Introduction

Now the time the 'pollution' is become the common topic

all among the world, not only India but also all countries are suffering from the problem of pollution.

ENVIRONMENTAL POLLUTION DEFINED AS: The contamination of the physical and biological component of earth. It is the one of the most serious problem facing humanity and other life forms on our planet today.

Meaning :- Environmental pollution is the introduction of contaminants into the natural environment that causes adverse change. Moreover the garbage of each and every natural resource which produce harmful effect to environment known as environmental pollution.

According to L. Mackiz : "When the pollution take the form of chemical substance such as energy, noise, heat and light at that stage the pollution is known as Environmental Pollution."

TYPES OF ENVIRONMENT POLLUTION

AIR POL.

- Chemicals.
- Gases.
- Photochemicals.
- Plastic Burns.

ELECTROMAGNETIC POL.

- Radiations.
- Non-ionizing forms.
- Radio waves.
- Microwave.

LIGHT POL.

- Astronomical Interference.
- Illumination

NOISE POL.

- Roadways
- Aircrafts
- Sonars.

PLASTIC POL.

- Plastic Products
- Microplastics
- Wildlife Habitat

SOIL CONTAMINATION

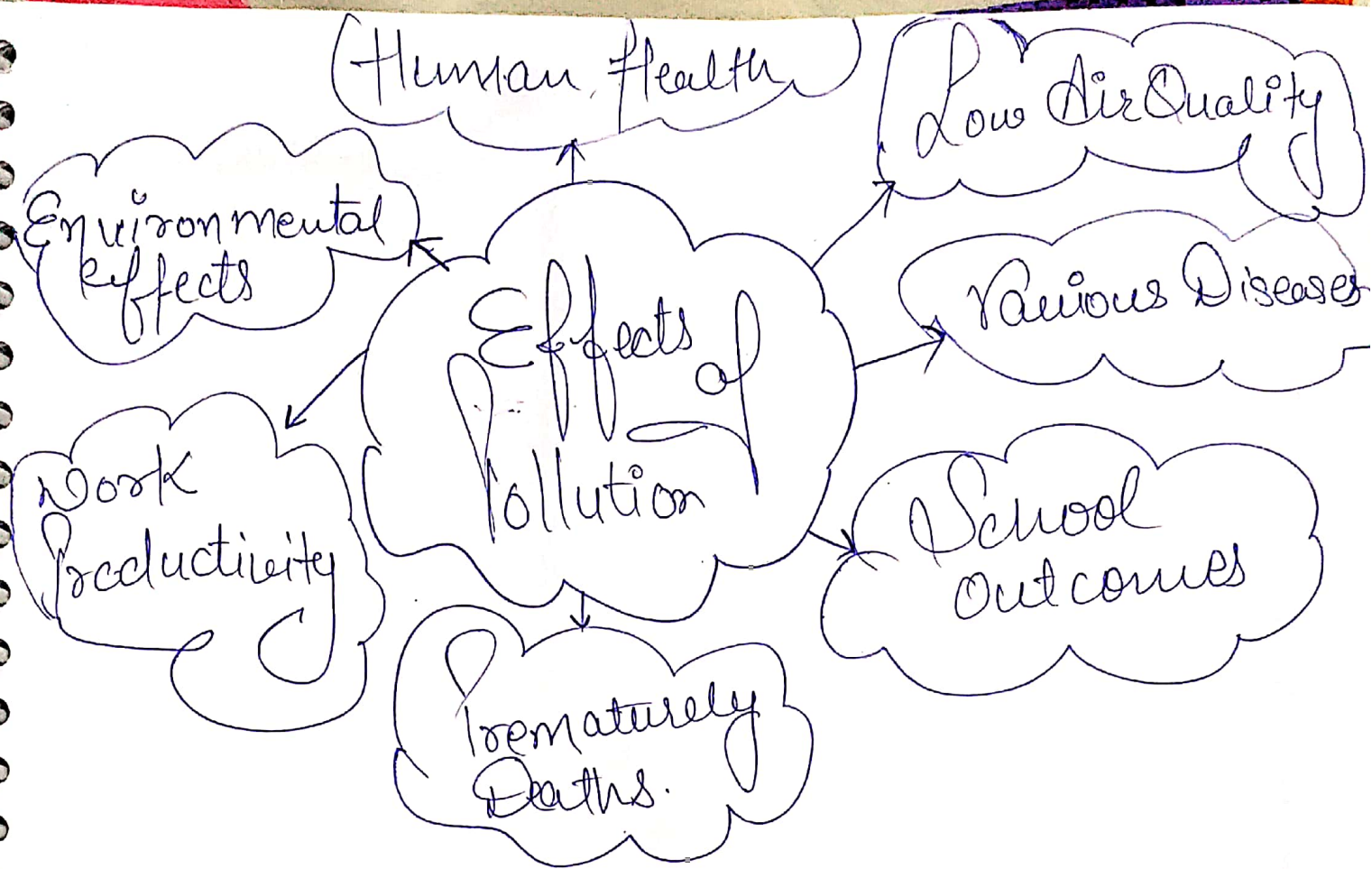
- Chemicals.
- Heavy Metals
- Hydrocarbons
- Underground Leakage.

WATER POL.

- Industrial Waste
- Domestic use
- Sewages
- Surface runoff

VISUAL POL.

- Power lines
- Billboards
- Landforms
- Municipal Waste.



1) Human Health :- Due to the environmental pollution the diverse air quality can kill many organisms including diseases, water pollution causes: Approximate 4000 Deaths per day. Also it leads to the inflammation, chest pain and congestion.

2) Prematurely Deaths :- A 2010 analysis estimated that 1.2 million people died prematurely each year in China due to air pollution.

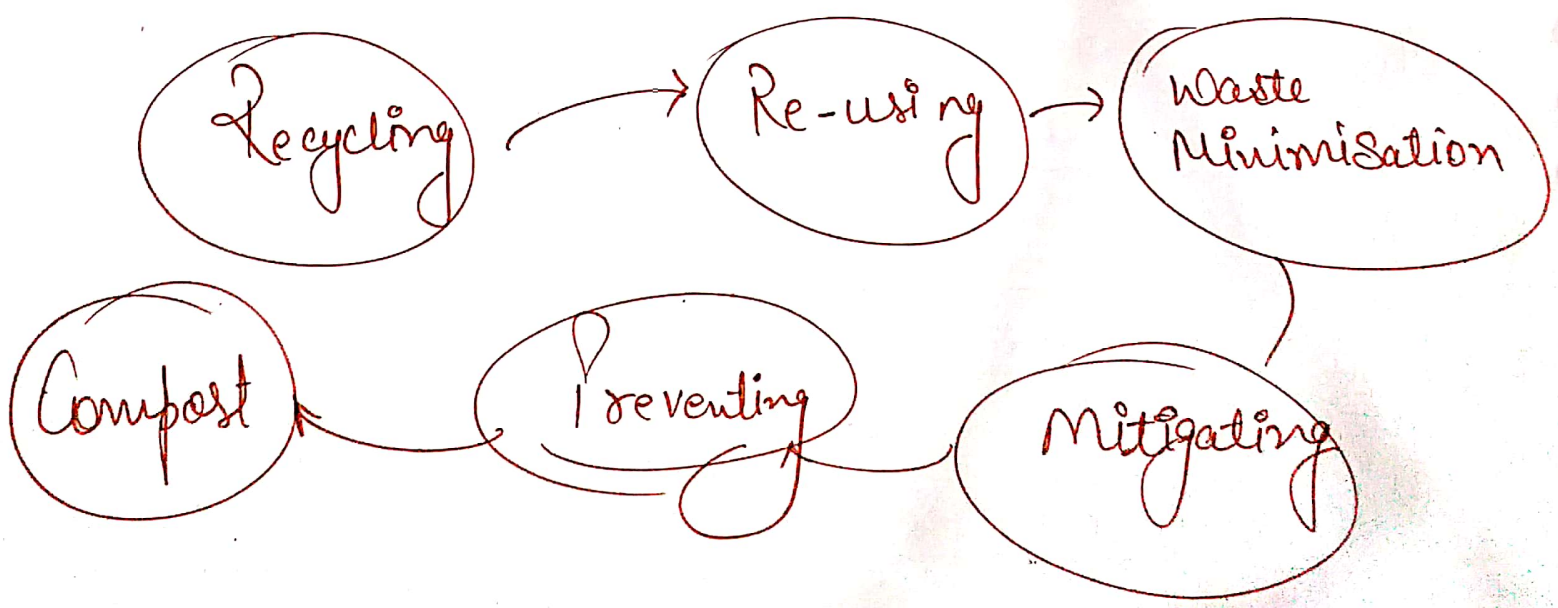
3) School Outcomes :- The pollution has great effect on the performances of students due to different reasons and due to more absence from schools.

↳ Work Productivity :- A no. of studies shows that pollution has an adverse effect on the productivity of both indoor and outdoor workers.

HOW TO CONTROL OVER POLLUTION PROBLEMS

Pollution control is the term used under environmental management. It means the control over emissions and effluents into air, water etc.

Practices to Control Environmental Pollution :-



Pollution Control Devices.

(A) Air pollution Controller.

- Thermal Oxidizer

(B) Dust Collection System.

- Cyclones
- Baghouses
- Electrostatics

(C) Scrubbers

- Baffle Spray
- Cyclon spray
- Wet Scrubber
- Ejectors
- Spray towers

(D) Sewages Treatment

- Sedimentation
- Aerated lagoons
- Wetlands

(E) Vapor Recovery System.

(F) Phytoremediation

Conclusion :-

Environmental pollution is spreading day by day and it's hard to control over various kinds of pollution but through the different activities you can reduce the percentage of pollution as help to save the environment.