

Noise Pollution

A Slow Poison....



Social Events



Industrialization



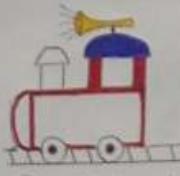
Construction Activity



Aircrafts

Sources

Road Traffic, Rail, Occupational noise, Defective consumer Products are some ignored sources of Noise pollution.....!



Rail Network



Transportation



Painful

130

Extremely loud

125

Very loud
(60-80 dB)

Moderate
(40-50 dB)

100

Faint
(30 dB)

Biological effects.

- Headache & Heart pain.
- Increase in heart beat.
- Nervous breakdown.
- Narrowing of arteries.
- Concentration lack.

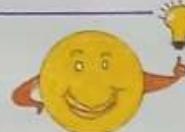


Psychological effects.

- Depression & fatigue.
- Insomnia.
- Emotional disturbance.
- Desire to suicide.

Precautions

- Turn off appliances when not in use.
- Shut the door when using noisy machines.
- Use Earplugs.
- Stay away from Noisy areas.
- Follow the limits of Noise level.
- Listen the minimum volume.
- Go Green by planting trees.



Administrative Techniques:

- Noise control at Source.
- Noise control along the path of receiver.
- Noise control at the receiver.

Have some fear about disorders of ear;
reduce noise pollution !

Zones	Day	Night
Industrial	95 dB	65 dB
Commercial	65 dB	55 dB
Residential	55 dB	45 dB
Sensitive zones (100 m around hospital & educational institutions)	50 dB	40 dB

Permissible Noise level

Keep the noise down
to keep your health
Up....!

Water Pollution

Contaminated Sources of Water Pollution





Name :- Puja Singh

Radiation

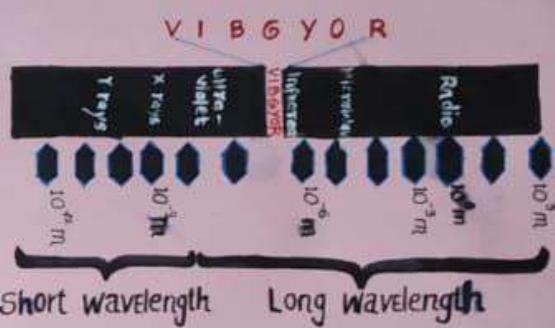


Radiation

Energetic particle



Electromagnetic wave



Carbon ion
Neutron ray

Ionizing radiation (for radiation)

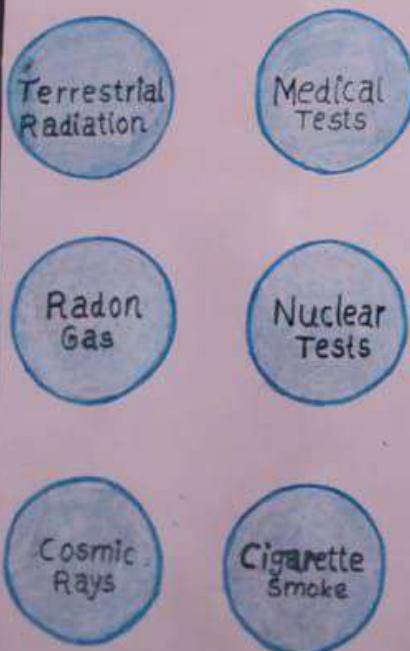
Non-ionizing radiation

Sources

Natural

Manmade

□ Sources of Radiation Exposure



Occupational < 0.1%

Industrial < 0.1%

Consumer 2%

Terrestrial 3%

Internal 5%

Space 5%

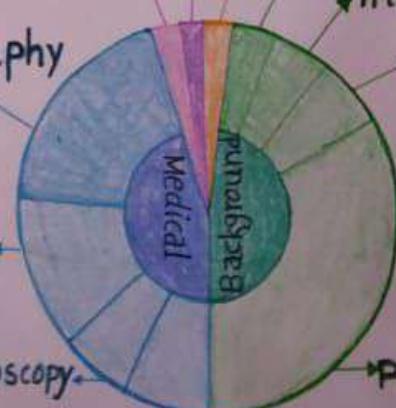
Computed Tomography 24%

Nuclear Medicine 12%

Interventional Fluoroscopy 7%

Conventional Radiography / Fluoroscopy 5%

Radon & Thoron 37%



Control & Prevention

HOW LONG
WILL YOU WAIT?



IT'S TIME
TO START CARING

Dose Limitation

Source of Dose

Natural

Inhalation	1.26
Terrrestrial	0.48
Ingestion	0.29
Cosmic	0.39
<u>Total</u> -	2.4

Man-Made

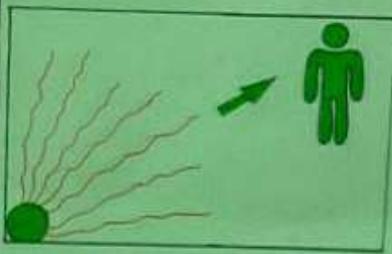
Medical Diagnosis
0.005 Nuclear Testing
0.005 Occupation
0.002 Nuclear Fuel
<u>0.6 - Total</u>

To avoid Pollution

- 避免 constructing nuclear power plants
- 避免 using nuclear weapon
- Have proper treatment for nuclear waste
- 避免 mining for uranium to a minimal



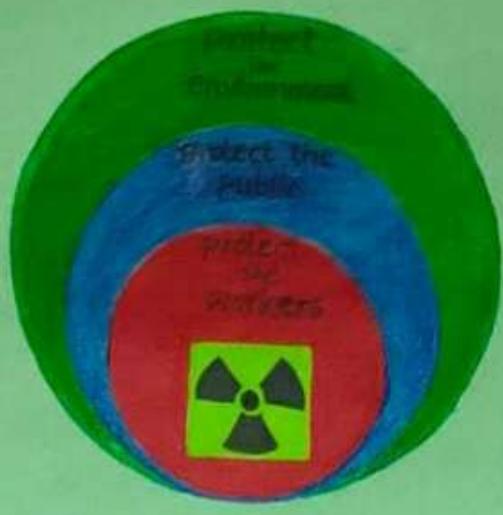
Limit Time



Increase Distance



Use Shielding



Effects Of Radioactive Pollution



GENETIC MUTATION

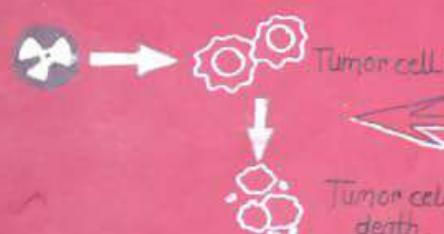
Cancer, leukemia, anemia, a reduction in life span leading to premature aging and immunodeficiency.



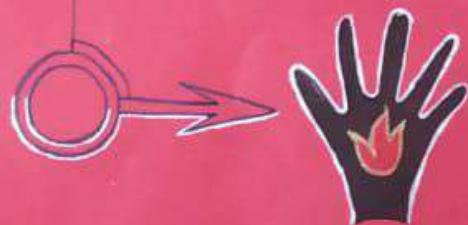
DISEASES

Radioactive Substances in the Soil react together with the Various nutrients leading to destruction of Nutrients

SOIL FERTILITY



CELL DISTSTRUCTION



BURNS

Types of Contamination

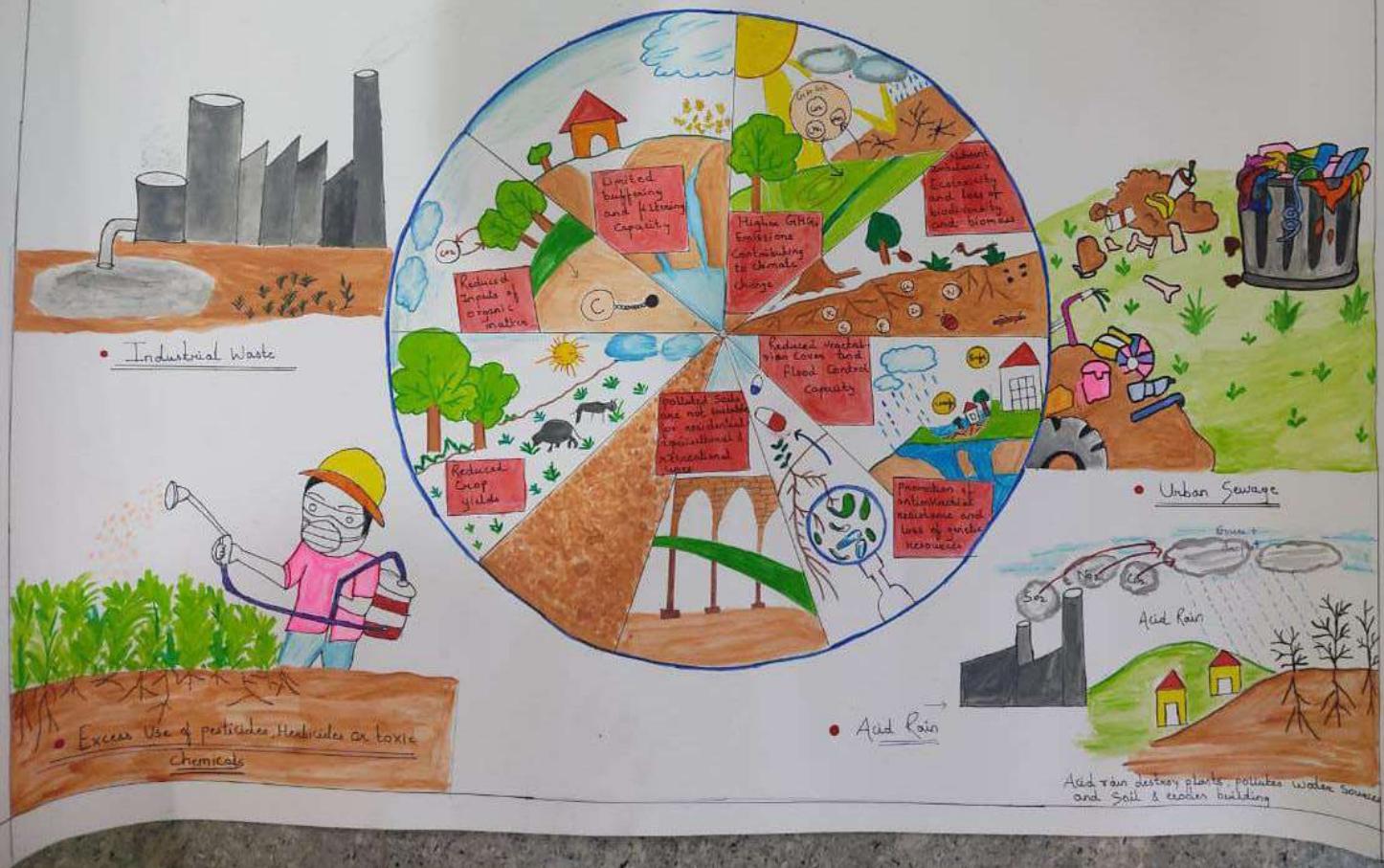


1) Internal Contamination

2) External Contamination

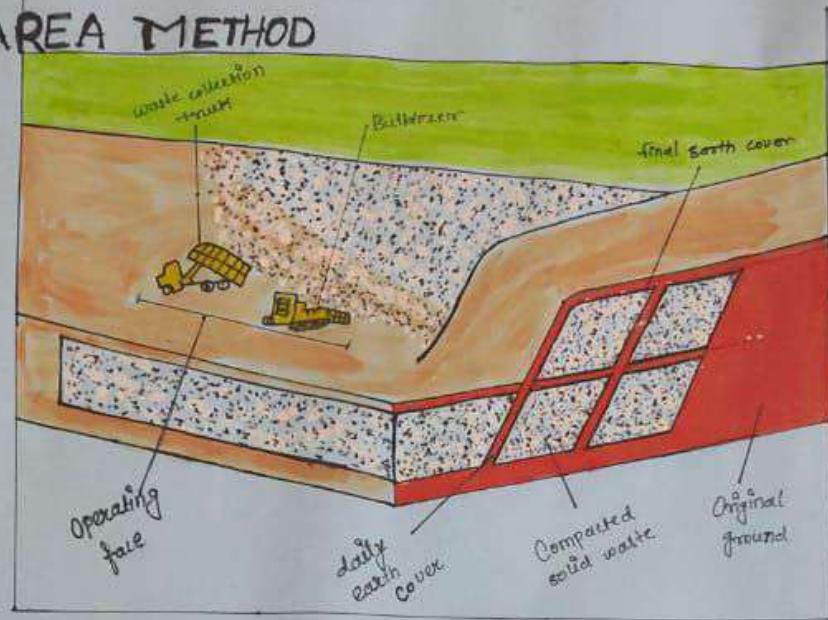


SOIL CONTAMINATION



METHOD FOR TREATING SOIL POLLUTION

* AREA METHOD



* TRENCH METHOD



SOLUTION FOR PREVENTION OF SOIL POLLUTION

- Recovery of Solid waste like Scrap metal , Plastics for recycling and reuse
- Solid waste may be disposed off by incineration (burning in the presence of O_2) and pyrolysis (combustion in the absence of O_2)
- Toxic chemical fly ash metal containing wastes may be used as bedding material for road construction
- Fly ash may be used for making Bricks
- Grow more number of trees and Avoid Deforestation



One Earth Save Earth.

The Best of Solution.net a Division

planting trees
the best solution
to air pollution.
We have to plant
more trees.

A circular graphic with the word "Recycle" at the top and "Before throwing away used batteries, send them in to a local retailer or recycling center." in the center.

The graphic contains five tips arranged in a circle:

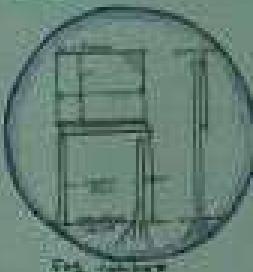
- Use Filters for Industrial Chimneys.
- Avoid using of Crackers.
- Reduction of Forest fire and Smog.

If you're leaving home, be sure to turn off the lights, turn off the television, and other electrical equipment.

Use of
Gardens
can
control
dust.

- Switching to hybrid vehicle
- Taking public transportation
- Riding a bike

MORDERNIZATION IN WATER MANAGMENT



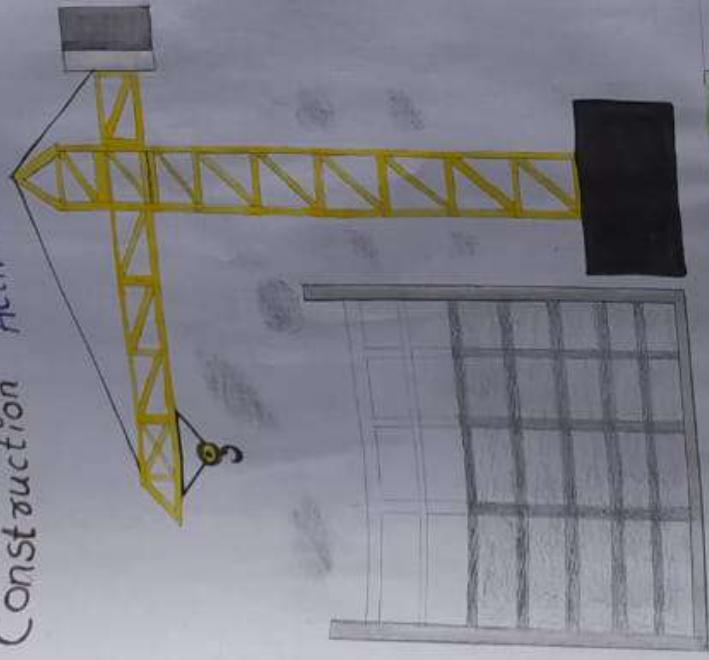
PROJECT NAME
DESIGN & CONSTRUCTION

Causes of Air Pollution

Exhaust from Industrial Factories.

Fossil-fuel Based Power Plants.

Construction Activities.



Household Activities.



Agricultural Activities.



Vehicle Exhaust Fumes.



"Be a part in Solution
Not in Pollution"



Natural causes.
Forest fires.

