

OGUN DIGICLASS

CLASS: PRIMARY SCHOOL

**SUBJECT: BASIC SCIENCE &
TECHNOLOGY**

TOPIC: OUR POLLUTED WORLD

SUB-TOPIC: POLLUTION



Learning Objectives



Define pollution



List the types and sources of pollution



State the effects of pollution

Our Polluted World

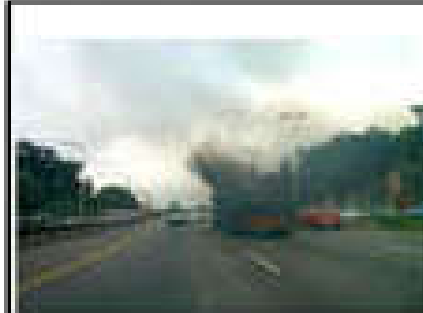
**water
pollution**



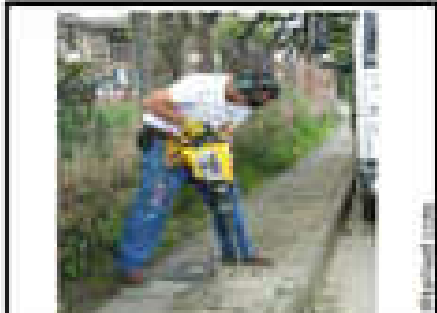
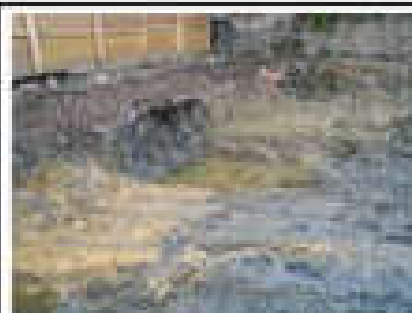
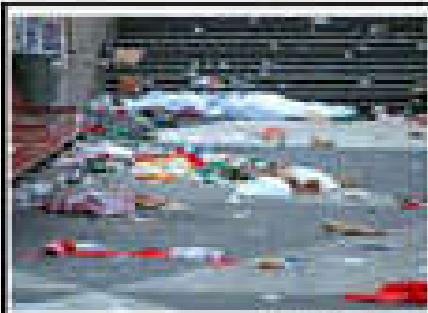
**air
pollution**



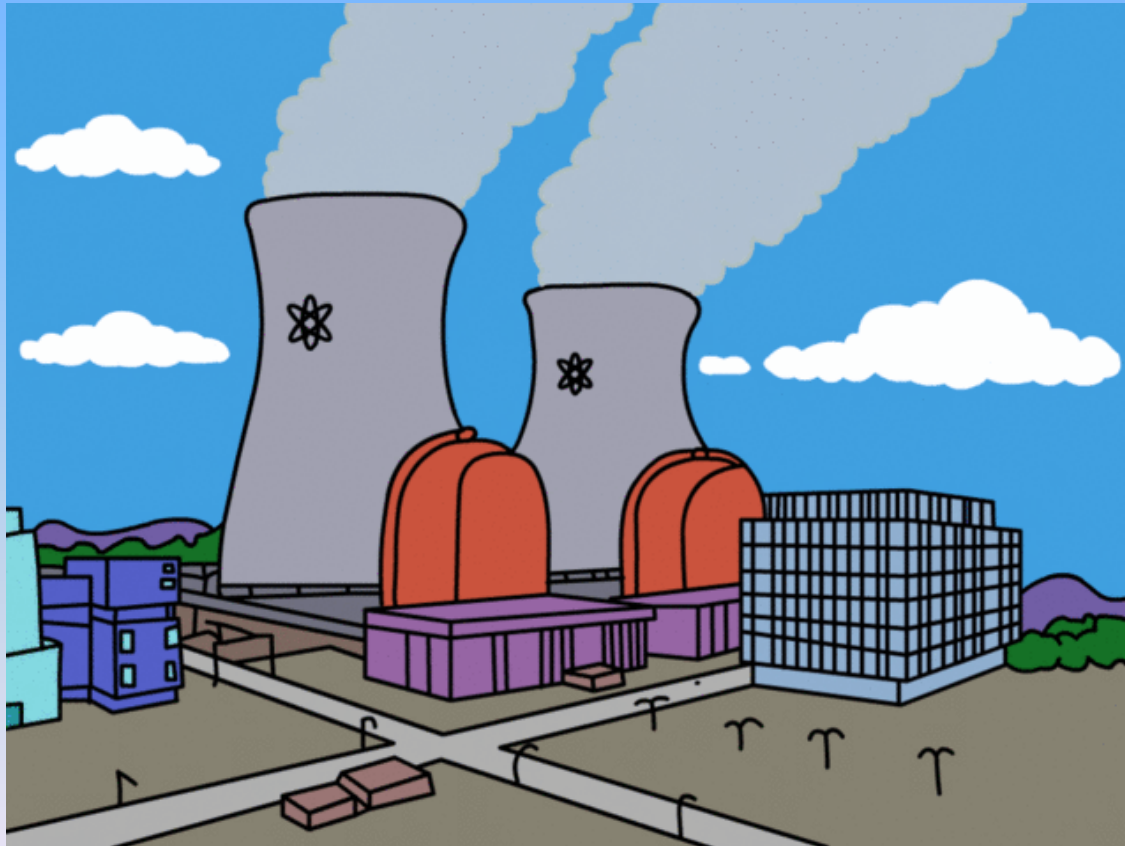
TheWiseNest.com
**land
pollution**



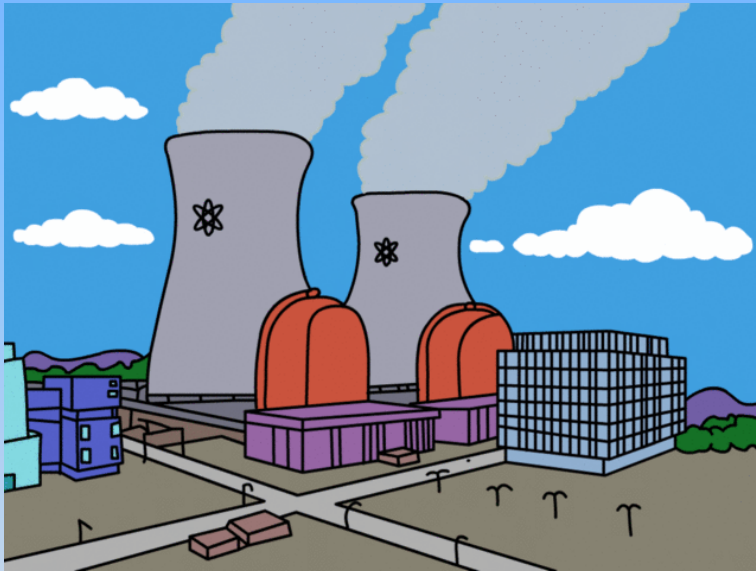
**noise
pollution**



What is the connection between these pictures?



What is the connection between these pictures?



The air pollution from the factory has caused the fish to have 3 eyes.

**Pollution is anything that can
cause changes to the environment.**

**Do you agree or disagree?
Why do you think that?**

- Our planet is the only one we have to live on.
- It provides us with all the resources we need to survive.



Types of Pollution



Noise

Land



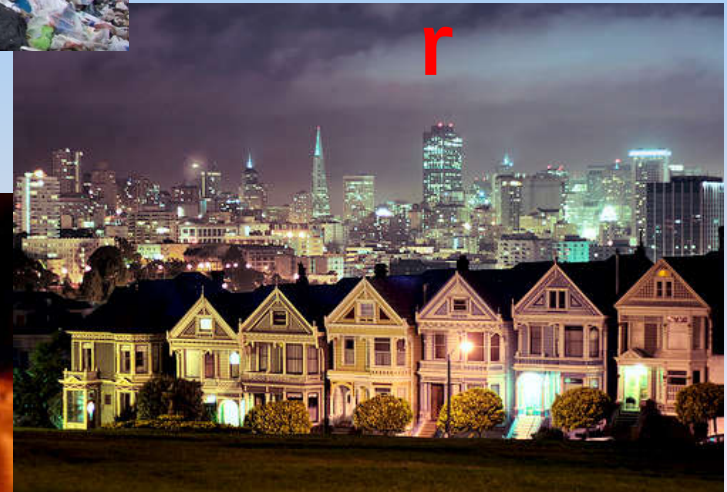
Air



Water



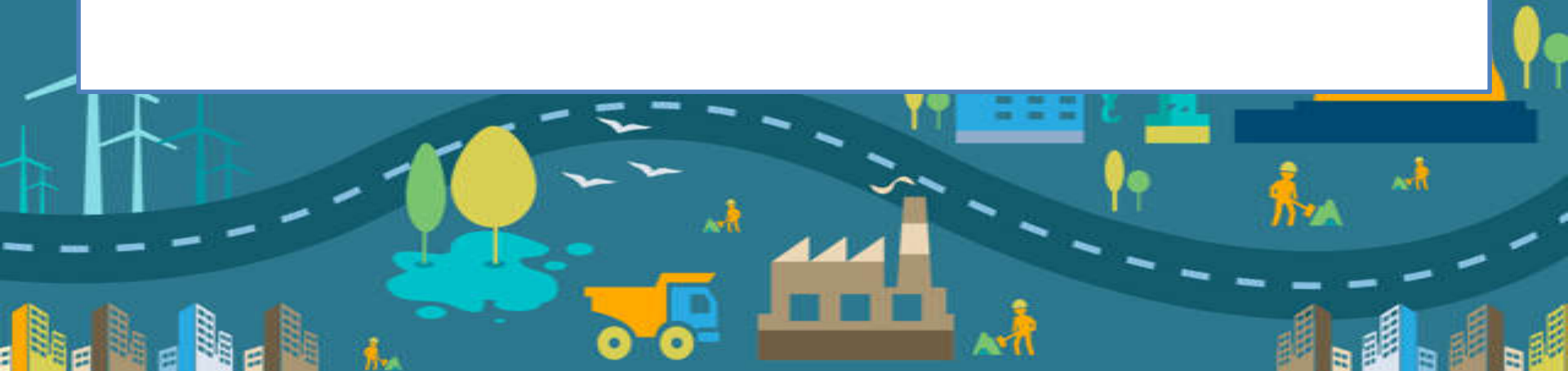
Visual



Light

Air Pollution

- Factory Emissions
- Wildfires and dust storms
- Burning Fossil Fuels
- Cars, Aeroplanes, Lorries etc
- Volcanic Eruptions





Noise Pollution

- Factories
- Transport
- Loud Music
- Construction Works
- Sirens and Alarms





Water Pollution

- Mining
- Fertilisers from farming
- Chemicals from Factories
- Oil Spills
- Untreated Sewage





Soil/Land Pollution

- Mining
- Litter
- Farming
- Factories and Manufacturing
- Land fill sites
- Illegal Dumping of Waste





Light Pollution

- Street Lighting
- Cars
- Floodlights
- Domestic and Industrial security

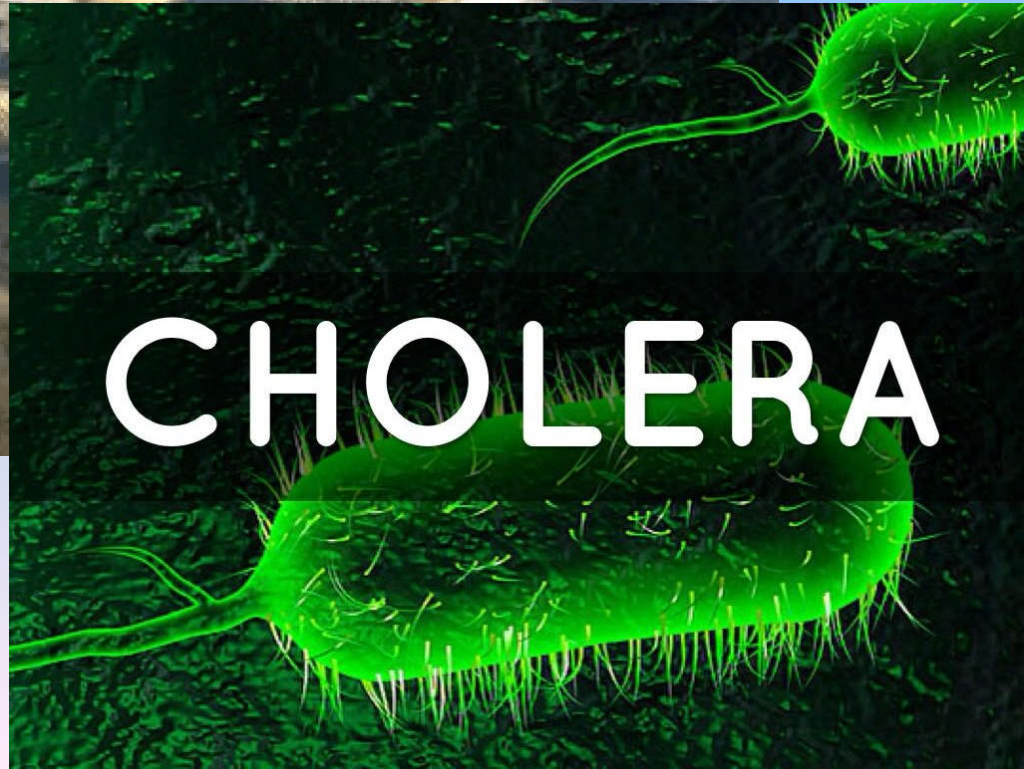


Visual Pollution

- Mobile Phone Masts
- Factories
- Mines and Quarries
- Roads
- Electricity Pylons



Effect of Water Pollution



Effect of Air Pollution



Effect of Noise Pollution



Effect of Soil Pollution



Effects of Pollution

- Air Pollution: we can breath in pollutant or sewage smell which can cause health problem
- Noise pollution: you may be kept awake at night which could make you tired and stressed

- Water pollution: diseases such as cholera can be caused by polluted water and aquatic animals can be affected by the pollutants in water
- Soil and land pollution: land fill sites can be smelly

Effects of Pollution

VISUAL POLLUTION

People may not want to live near something that looks dull

LIGHT POLLUTION

An unnatural glow above towns and cities scare wildlife and can make birds like owls lose their way

HOW POLLUTION CAN BE REDUCED

- **Reduce**: this is using resources wisely and using less than usual in order to avoid waste
- **Reuse**: you can reuse materials in their original form instead of throwing them away or pass those materials unto others who could use them too
- **Recycle**: Don't throw anything away that can serve another purpose

- ✓ I can explain what pollution is.
- ✓ I can name different types of pollution.
- ✓ I can name sources of pollution.
- ✓ I can explain the effect of pollution on the environment.



**KEEP HAZARDOUS WASTE
OUT OF THE ENVIRONMENT!**



ACTIVITY: Write how these actions adversely affect our environment

A large, empty rectangular box with a thin black border, intended for writing the response to the activity prompt. In the top-left corner of this box, there is a small, faint text label that reads "Image not loaded. Click here to download it.".