

# OGUN DIGICLASS

**CLASS: PRIMARY SCHOOL**

**SUBJECT: BASIC SCIENCE &  
TECHNOLOGY**

**TOPIC: POLLUTION**



# Learning Objectives



Define pollution



List types of pollution



State effects of pollution

# Our Polluted World

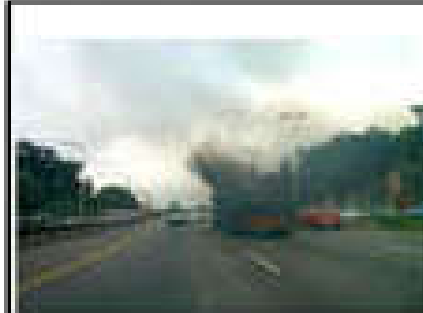
**water  
pollution**



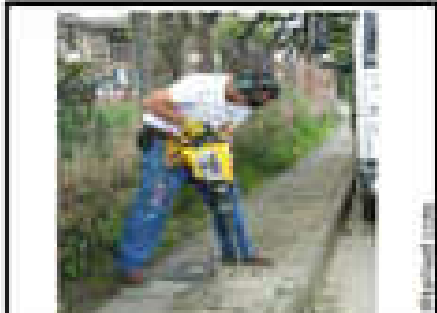
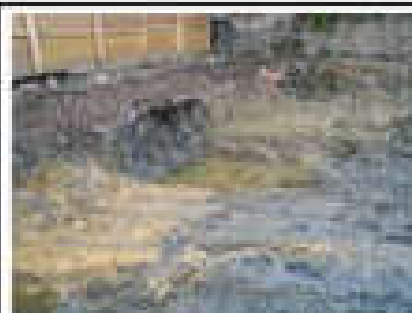
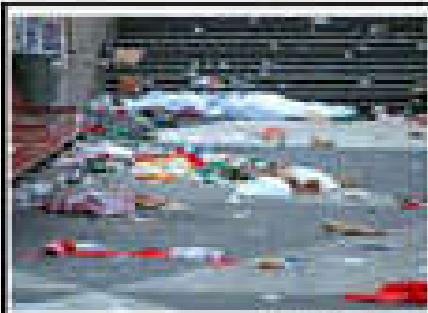
**air  
pollution**



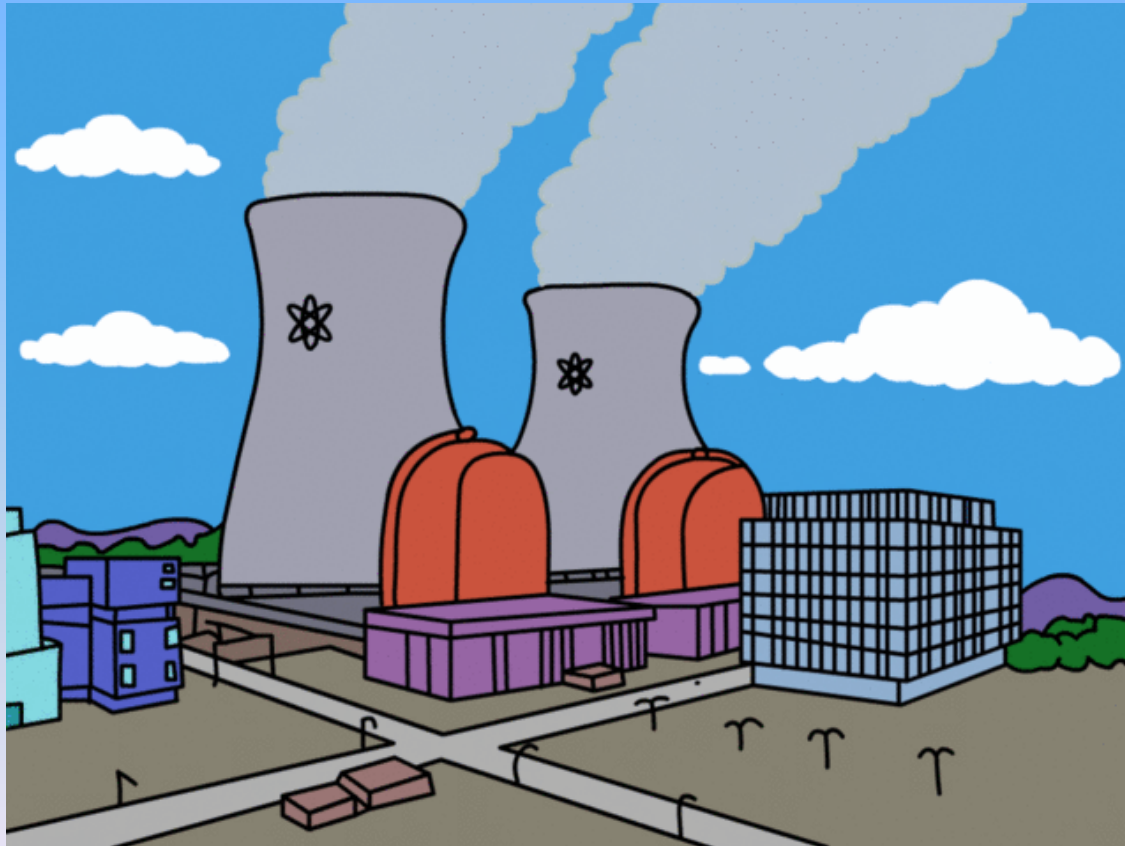
TheWiseNest.com  
**land  
pollution**



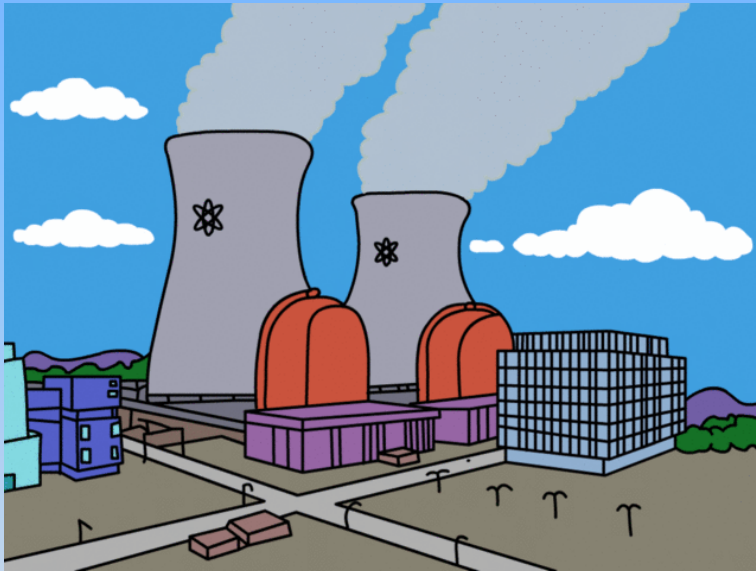
**noise  
pollution**



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



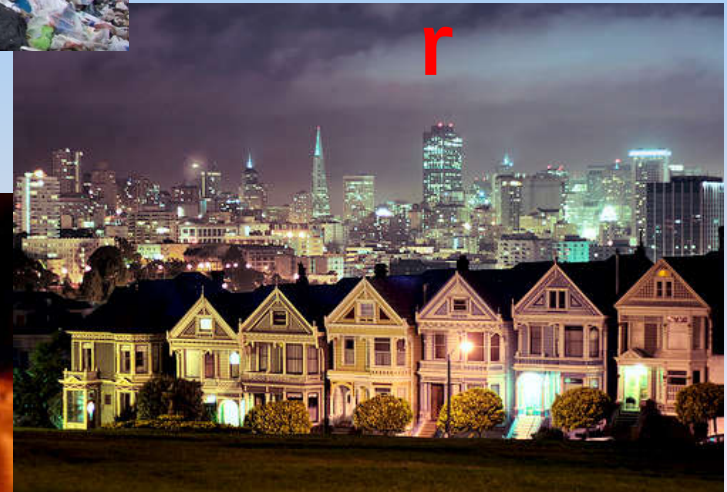
Air



Water



Visual

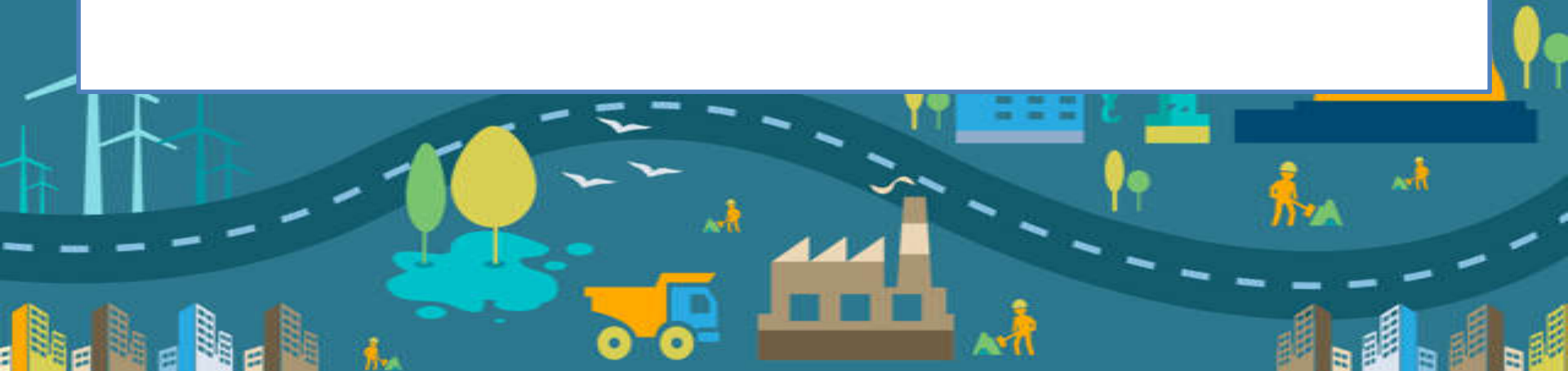


Light



# 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



# Light Pollution

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





# Effects of Pollution

You may be kept awake at night by the noise and this could make you tired and stressed

Fish, crabs, shellfish and wildlife are often killed or made ill by pollutants in the water

People may not want to live near something that doesn't look attractive so people move out of the area

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



# Effects of Pollution

Diseases such as cholera can be spread by polluted water

Sewage in water can be smelly for people living near the outlet pipe

Pollutants in the air adds to the greenhouse effect which encourages global warming

Unnatural noises may scare wildlife so there may be a loss of diversity

Landfill sites can be very smelly

If it is loud enough you may experience hearing loss

- **We can breathe in pollutants which can cause health problems such as asthma**
- **Toxic waste that pollutes the soil can be washed into rivers and reservoirs, it could then danger wildlife**
- **Lots of rodents like rats, mice and insects are attracted to landfill sites**

- ✓ 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. It may have been moved or deleted." data-bbox="190 186 915 995"/>