

SCIENCE PROJECT · CLASS 8

Air Pollution

Causes, effects and clean-air habits

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CLASS
8 – B

SCHOOL
Your School Name



Agenda

01 Introduction

02 Facts

03 How it works

04 Activity

05 Conclusion



Image

What is air pollution?

Air pollution means harmful gases, smoke and dust mixing with the air we breathe.

Vehicles, factories, burning waste and crop stubble release pollutants. They harm our lungs, plants and buildings, and add to climate change.



Picture of air pollution

Amazing facts

PM2.5

tiny particles that enter
lungs

AQI

index that measures air
quality

Winter

when smog is often worst

Main pollutants



Particulates

Dust, smoke and soot.



Gases

Nitrogen oxides, sulphur dioxide.



Ozone

Harmful near the ground.

How smog forms

1

Emit

Vehicles and factories

2

Trap

Cold air holds pollutants

3

React

Sunlight forms ozone

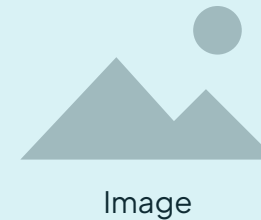
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Smog

Hazy, unhealthy air

Our activity

- Smear petroleum jelly on a white card
- Hang it outside for three days
- Look at the dust stuck to it
- Compare cards from different places



What we can do



Walk or cycle

For short trips.



No burning

Never burn waste or leaves.



Plant more

Indoor and outdoor plants.

“

We do not inherit the earth from our
ancestors; we borrow it from our
children.

A WELL-KNOWN SAYING

Thank you!

Breathe easy, act today!

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