

Geography • Where We Live : London *Pollution*

Key Learning Question: Is pollution in London a problem?



Crucial Knowledge

We are getting better at investigating places:

- Pollution is when gases, smoke and chemicals are introduced into the environment in large doses that makes it harmful for humans, animals plants.
- Types of pollution include: Land, Water, Light, Noise, Air.
- Pollution around the world is a problem caused by human activity.
- Air pollution is a growing issue mainly caused by factories and vehicles emitting pollutants.
- Moto vehicles are responsible for 40% of London's air pollutants.
- There are over 2 million cars in London.
- The River Thames' source is in Gloucestershire and its mouth feeds into the North Sea.
- The Thames is 215 miles long so some parts of the river are more polluted than others.
- The River Thames is now one of the cleanest rivers running through any capital city.



Key Vocabulary

We are getting better at communicating geographically

Pollution: The introduction of a harmful or poisonous substance to the environment.

Pollutants: The substance that brings about a harmful change in the environment.

Population: All people of a certain place.

Cause: A necessary action that makes another thing happen.

Effect: The resulting action of a certain cause.

Exhaust: Waste gases expelled from an engine, turbine, or operating machine.

Fumes: A gas or vapour that is dangerous to inhales.

Emissions: The dispelling of substances like gas, heat and light.

Urban: In relation to the city.

We are getting better at investigating patterns:

Big Ideas: Mapping (OS) • Sustainability • Land-use patterns • Fieldwork • Human geographical features • Counties, cities and features of the UK



Location Maps



Air Pollution in Hackney



Car Exhaust fumes



Factory fumes



A polluted River Thames



Airplane pollution

We Are Building Our Knowledge From

- London - Out & About in Hackney (Y2)
- London - Feeding the City (Y3)
- London - Canal Life (Y4)

This will help when we learn about

- London - Global City (Y6)