

Geography • Where We Live : London *Pollution*

Key Learning Question: Is pollution in London a problem?



Crucial Knowledge

- Pollution is when gases, smoke and chemicals are introduced into the environment in large doses that make it harmful for humans, animals plants.
- Types of pollution include: Land, Water, Light, Noise and Air.
- Pollution around the world is a problem caused by human activity.
- Air pollution is a growing issue mainly caused by fumes from factories and vehicle exhausts.
- Motor 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 flows 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

- 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 fumes:** Dangerous waste gases expelled from an engine or operating machine.
- emissions:** The dispelling of substances like gas, heat and light.
- sewage:** Liquid or waste carried off in the sewers
- landfill:** Disposing of waste by burying it in earth

Big Ideas: Mapping (OS) • Sustainability • Location
• Fieldwork • The Human World • Human Impact
Counties, cities and features of the UK



Location Maps



An A-Z map of our local area

Car exhaust fumes



Factory fumes

Pollution in the River Thames



Airplane pollution

We Are Building Our Knowledge From

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

This will help when we learn about

- London - Global City (Y6)