

Core Knowledge

- An environment is the surroundings or conditions in which a person, animal, or plant lives or operates.
- There are different areas of the environment (beach, river valley, mountain, sea and rainforest for example).
- There are a range of different types of pollution.
- Air pollution has been caused by people's activities, particularly since the Industrial Revolution.
- Many industries cause carbon dioxide (CO₂).
- Large areas of our water systems are polluted by industry: rivers, lakes and seas.
- The dumping of waste material causes land pollution.

Home Learning

- Carry out a litter pick with your family around your local area.
- Visit the local library and find out about one type of pollution in detail – Produce a diagram or poster.
- Watch the Disney film Wall-E as a family and discuss the environmental message.
- Watch the family documentary, Arctic Tale narrated by Queen Latifa. It follows a polar bear and a walrus as they try to survive in the arctic. During the film, children will learn about some of the environmental issues that impact the lives of these two animals.
- Create a poster to encouraging others to protect our planet from one of the types of pollution.

Pollution – A Man-Made Problem?



Key Vocabulary

- | | | |
|----------------|----------------|------------------|
| • Atmosphere | • Agriculture | • Microbeads |
| • Hydrosphere | • Decibel | • Ozone Layer |
| • Lithosphere | • Conservation | • Carbon Dioxide |
| • Biosphere | • Biodegrade | • Ecosystem |
| • Fossil Fuels | • Synthetic | • Recycle |
| • Chemicals | • Reduce | • Contaminate |
| • Algae | • Reuse | |

Domain Themes

- Environment
- Air Pollution
- Water Pollution
- Earth Pollution
- Noise Pollution
- Plastic Pollution
- Eco-Friendly



Core Knowledge

- Sound is measured in decibels.
- Plastic is a particular problem as it takes so long to bio-degrade.
- Plastic can remain in the environment for many centuries.
- Plastic is a very serious problem in rivers and seas as it can affect many animals. It can also enter our food chain.
- We are encouraged to reuse materials and to use materials that will not damage the environment.
- We are encouraged to use renewable sources such as solar, wind and wave power.