



**Clean Air
Phenomenon
Questions to Support
Experiments
Upper Primary**





Air Quality and Pollution (Experiments 1 & 2)

**What types of particles do you think
will collect on the petroleum jelly
cards, and what might be their sources?**



Air Quality and Pollution (Experiments 1 & 2)

**Why do different locations have
different amounts of air pollution?
What factors influence this?**



Air Quality and Pollution (Experiments 1 & 2)

**How does breathing polluted air
affect human health, and why
is it harder for some people to breathe
in areas with high pollution?**



Plants and Air Purification (Experiments 3 & 5)
**How do plants help
clean the air,
and what would happen to air
quality if we removed
trees from cities?**



Plants and Air Purification (Experiments 3 & 5)

**What differences did you observe
in the bottle with the plant
and the bottle without?**

**What does this tell us about
how plants absorb carbon dioxide?**



Plants and Air Purification (Experiments 3 & 5)
How could increasing green spaces in cities help reduce air pollution, and what challenges might we face in doing so?



**Filtering Polluted Air
(Experiments 4 & 5)**
**Which materials filtered
the most pollutants from the air,
and why do you think they were effective?**



Filtering Polluted Air (Experiments 4 & 5)

How do air purifiers and filters work, and why are they important in areas with high levels of air pollution?



Filtering Polluted Air (Experiments 4 & 5)

**How can we design a low-cost
or natural way to clean
the air in homes or schools?
Human Impact and Solutions**



Filtering Polluted Air (Experiments 4 & 5)

**What actions can we take as
individuals or communities
to reduce air pollution and improve air quality?**