

## **Reflection Questions**

### **What is the main cause of air pollution?**

The main causes of air pollution are emissions from vehicles, industrial processes, and burning fossil fuels. Other contributors include wildfires, agriculture, and household activities like burning wood or using chemical based products.

### **Why does LA have unhealthy air quality?**

Los Angeles has poor air quality because of its heavy traffic, industrial activity, and geography. The city's surrounding mountains trap air pollution, creating smog. Weather patterns and frequent wildfires also make the problem worse.

### **What health problems are caused by air pollution?**

Air pollution can cause respiratory issues like asthma and bronchitis, as well as heart disease and even cancer. Long-term exposure can also weaken the immune system and affect brain function.

### **Has air quality improved in Los Angeles over the past 5 years?**

Yes, there have been improvements due to stricter regulations and cleaner energy sources. However, wildfires and rising vehicle emissions still pose challenges, so progress is uneven

### **What is the impact of COVID - 19 on air quality?**

During COVID-19 lockdowns, air quality temporarily improved as fewer cars were on the road and industries slowed down. However, pollution levels returned to normal once restrictions were lifted.

What is your neighborhood's air quality?

My neighborhood's air quality is good. Making it a safe place to be and not be too worried about the potential risks of air.

### **How could we reduce air pollution in Los Angeles?**

We can reduce air pollution by expanding public transportation, using electric vehicles, enforcing stricter emissions standards, and investing in green energy. Planting more trees and reducing industrial emissions also help.

### **What are major air pollutants?**

Common air pollutants include carbon monoxide, nitrogen oxides, sulfur dioxide, particular matter, ozone, and volatile organic compounds.