

Name:

Date:

Class:

Post-Lecture Quiz

Answer the following questions.

1. How would you explain to a stranger why air quality is important?
In other words, why do researchers study air quality?
2. Provide one example of a human-made or human-caused source of air pollution.
Also provide one example of a natural source of air pollution.
3. List three examples of primary pollutants and their sources.
Provide one example of a secondary pollutant and explain where it comes from.
4. List one example of a technology or strategy used to improve air quality and a recap of how it works.
5. Next to each pollutant listed, circle whether it is a gas-phase pollutant or particulate matter (PM).

Carbon dioxide	gas-phase pollutant	particulate matter
Unburnt fuel in smoke	gas-phase pollutant	particulate matter
Nitrogen dioxide	gas-phase pollutant	particulate matter
Volatile organic compounds	gas-phase pollutant	particulate matter
Black diesel smoke matter	gas-phase pollutant	particulate