

Name _____

Period _____

APES

Date _____

CORNELL NOTES — CHAPTER 21: AIR POLLUTION

	What does it mean that the atmosphere is a “sink”?
	What does the word “Smog” mean?
	What are the two main types of air pollution? Explain each.
Athens, Greece	
Hungary	
U.S.	
China	
	What are the general effects of air pollution?
	What does it mean if pollution has “synergistic” effects?

Define Primary and Secondary Pollutants:

Where do some of the natural air pollutants come from? Explain.

What are the 6 criteria pollutants? LIST

Sulfur Dioxide

Nitrogen Oxides

Carbon Monoxide

Ozone (Photochemical)

Particulate Matter (PM)

Lead

Effects of Air Toxins

Hydrogen Sulfide

Hydrogen Fluoride

Methyl Isocyanate

What is Ozone?	
How does Ozone block UV light?	
What happens to UVC in the Ozone layer?	
What are the effects of UVA? UVB?	
How is Ozone measured?	
Ozone and CFC's	
The Antarctic Ozone Hole	
What are the environmental effects of the Ozone hole? /UV Exposure?	

	What is the Montreal Protocol?
	What is the future for Ozone Depletion?
Sources of Indoor Air Pollution	
Secondhand Smoke	
Legionnaire’s Disease	
Radon Gas	
Pesticides	
Asbestos	
Formaldehyde	
Dust Mites	
	Why is indoor air pollution more concentrated than outdoors?
	What happens on windward/leeward sides of buildings?
	What is the chimney effect?
	ETS (Environmental Tobacco Smoke)
What is sick-building syndrome?	
How can indoor air pollution be controlled?	