

Outline Lesson 7.4, **Impacts on Air**, pages 270-276. Due Tuesday in your science notebook, 2/13.

Copy the outline format; Answer the *italicized questions*.

Chapter 7, Lesson 4: Impacts on Air

EQ: What are some types of air pollution?

Importance of Clean Air

How do pollutants in air get into your blood?

Types of Air Pollution

Smog

Write the definition. Where do you usually see smog?

Acid Precipitation

Write the definition. What is misleading about the picture in your book?

Particulate Matter

Write the definition. What makes something particulate?

CFCs

What do they do?

Carbon Monoxide

How does carbon monoxide reduce the amount of oxygen that reaches your cells and tissues?

EQ: How are global warming and the carbon cycle related?

Global Warming and the Carbon Cycle

Write the definition of global warming.

Effects of Global Warming

Which effect of global warming is especially negative for Florida?

The Greenhouse Effect

Write the definition. How come the sun's energy can go through the atmosphere, but then the energy can't go back out into space?

How does air pollution affect human health?

Health Disorders

What kinds of health disorders are caused by air pollution?

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Measuring Air Quality

What is the air quality index? Make a quick sketch of the index values and the quality description.

Positive Actions

What is the Montreal Protocol? What is the Kyoto Protocol? Which country did not ratify the Kyoto Protocol (did not make it a law within its borders)?

National Initiatives

What are emission standards?

Cleaner Energy

What examples of clean energy are in the reading? What example of clean energy is not in the reading?

How can you help?

How do we make 'helping' something you would take seriously?