

Name: _____ Date: _____ Block: _____

Air Quality WebQuest

Use the Internet to respond to the following questions.

Go to the following site: <http://www.epa.gov/epahome/learn.htm>

Click on Air, then air pollutants

A. What is the definition for air pollution?

B. What are six common air pollutants?

- | | |
|----|----|
| 1. | 4. |
| 2. | 5. |
| 3. | 6. |



Go to the following site: <http://www.epa.gov/air/>

Asbestos:

- Where does asbestos originate from?
- What are the human health impacts associated with asbestos exposure?

Ground-Level Ozone:

- How does ground-level ozone form?
- What is the difference between good ozone and bad ozone?
- What are three negative health effects of ground-level ozone?
*** Click on the Ozone button below the six common air pollutants paragraph on the first website***
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 -
- What are the environmental impacts that occur due to increased ground-level ozone?

- C. Click on Massachusetts. Record AQI for the following:
Boston, MA _____ New York, New York? _____
Los Angeles, CA? _____
- D. Click on the range that Boston falls into under the national map. What is the health concern for people in this range?

Go back to <http://www.airnow.gov/> and scroll down to find answers

- E. What do the different colors represent when monitoring the ozone? (under AQ Index)
- Green -
 - Yellow -
 - Orange -
 - Red -
 - Purple -
 - Maroon -



Go to the following site: <http://www.kean.edu/~fosborne/resources/ex12.j.htm>

- A. What is the definition of point source pollution?
- B. Give two examples of point source air pollution (just look at *Air*).
- 1.
 - 2.
- D. What is the definition of non-point source pollution?
- D. Give two examples of non-point source air pollution (just look at *Air*).
- 1.
 - 2.



- Identify 10 key elements to the Clean Air Act.

- Identify 3 ways we know if the Clean Air Act is working.

Days of Toxic Darkness:

<http://www.portfolio.mvm.ed.ac.uk/studentwebs/session4/27/greatsmog52.htm>

Explain what happened in the London Smog Disaster of 1952. How many people died?

a. What does the term "smog" mean?

b. What caused the government to notice the high death rate, which was attributed to the air pollution?

c. What did the London Smog Disaster of 1952 prompt the government to do?