

APES Air pollution Webquest

Write all answers in complete sentences in your lab notebook (or write the questions and answer)

Go to <http://www.epa.gov/gateway/learn/airpollution.html>

1. List the six common air pollutants?
2. What is particulate matter and what problems can it cause?
3. What is Ozone? (click on ozone in the list of six pollutants)
Click on "an introduction to ozone" and watch the video.
4. How is ground level ozone formed?
5. Describe the difference between upper level ozone and ground level ozone
6. What are three negative health effects of ground-level ozone?
7. What actions can we take to reduce ground level ozone?

Go to <http://www.airnow.gov/>

8. What does AQI stand for and what is it?
9. What is the AQI for Dallas, Tx today? How about for Cincinnati, OH?
10. What do the different colors represent when monitoring the ozone? (under AQ Index)

Go back to <http://www.epa.gov/gateway/learn/airpollution.html>

11. What causes indoor air pollution?
12. List at least 4 sources of indoor air pollution
13. List some short term and long term health effects of indoor air pollution
14. What is radon and why is it a problem?

Go to <http://www.kean.edu/~fosborne/resources/ex12j.htm>

15. What is the definition of point source pollution?
16. Give two examples of point source air pollution (just look at *Air*).
17. What is the definition of non-point source pollution?
18. Give two examples of non-point source air pollution (just look at *Air*).

Go to <http://www.scorecard.org>

19. What does this website do?
20. Find the top three polluters in Dallas County? (enter your zip code to find out)
21. Find the top three pollutants *released* in Dallas County.
22. When was the information provided on this website last updated? Where could we find more updated information?

Explore the EPA website <http://www.epa.gov/gateway/learn/airpollution.html> to learn more about air pollution.

23. List 3 interesting facts you learned in addition to the above information.