

Atmosphere Web Quest

<http://www.vtaide.com/png/atmosphere.htm>

<http://www.enchantedlearning.com/subjects/astronomy/planets/earth/Atmosphere.shtml>

1. What are the four main layers of the atmosphere?
2. Which layer is closest to space?
3. Which layer is the hottest layer?
4. Which layer is the coldest layer?
5. What and where are the ionosphere and exosphere?
6. Draw a picture of the atmosphere.....write or draw a picture of one important fact about each sphere. (make sure you pay attention to the spacing of each sphere.....one sphere is the smallest.....two are about the same in size.....and one is the largest).

<http://www.windows2universe.org/earth/Atmosphere/overview.html>

7. Why is the atmosphere important?
8. What gases are most common in Earth's atmosphere? Give the percentages.
9. What is the greenhouse effect (describe how it works)?
10. What are the main greenhouse gases?
11. Describe how each of the gases contribute to the greenhouse effect and how do they get into our atmosphere?
12. What is air pollution?
13. Describe 3 types of air pollution found in our atmosphere?
14. When did air pollution begin? (Is this just a recent development?)
15. What is primary and secondary air pollution?
16. Research Tropospheric Ozone.....
 - **What two places is ozone found?
 - **What causes tropospheric ozone?
 - **Is the ozone found in the troposphere bad for us (explain)?
 - **What's the common name for tropospheric ozone?
17. What are the global effects of air pollution? Explain why the two are a concern.
18. Ozone Hole...
 - Explain why this is a concern.
 - What is causing the hole?
 - When did scientist discover the ozone hole?
19. What is Global Warming?
20. What is the effect of global warming?
21. How has earth's temperature changed over the last century?
22. List the effects of climate change due to global warming (that we are seeing now).
23. What do they predict will happen in the future due to global warming and climate change?
24. What is acid rain, and explain the effect it has on our environment.

After your finished with the web quest.....please explore some of the related links found under atmosphere, pollution, and global warming.