

**Due date**: March 7th, 2014 worth 20 points

**Assignment/ Goal**: Research the layers of the Earth’s atmosphere, troposphere, stratosphere, Mesosphere, thermosphere, and exosphere. You need a total of 4 facts about any of the earth’s layer of the atmosphere**! Under the questions there are several websites you can use for research, feel free to find your own as well ☺**

**PART 1: Research the layers, find 4 facts about the layers. (Challenge: Find the coolest facts possible).**

**Part 2: Complete a webquest to answer the questions below. Please write your answers in complete sentences.**

The questions are below that you will need to answer. ☺ When you have the answers to the questions, please complete this link for your webquest in order for it to be complete:

**REMEMBER COMPLETE SENTENCES FOR YOUR ANSWERS!**

1. Which layer is closest to the Earth? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Which layer has rain clouds?

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1. What layer has the coldest temperatures?

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1. Meteors generally burn up in what layer?

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1. Which layer has the hottest temperatures?

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1. The ozone layer is found in what layer?

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**Grading Rubric for layers of the atmosphere**

Each question is worth 2 points each

Each fact is worth 1 point each

**Totaling 20 points for the webquest!**

Suggested websites to help with your research:

<http://www.srh.noaa.gov/jetstream/atmos/layers.htm>

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

<http://www.eo.ucar.edu/basics/wx_1_b.html>