Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_

**It’s Your Choice…Earth’s Atmosphere Project**

Review the project options below. All projects will demonstrate your knowledge and understanding of the atmosphere. Choose one of the options that best fits your strengths and interests. Your project is worth 20 points.

**Option 1: Weebly Website**

* Website is assigned to you through teachers account
* Website must include 7 tabs (Home page, a page for each layer of the atmosphere, “What if” and a Resource tab)
* Pictures and/or videos on each page. Pictures can be taken from the internet but MUST be cited in the resource tab. Pictures and words should be in a 1:2 ratio. In other words, there should be more words than pictures on the page!
* “What if” Tab explained below. The research does NOT need to be submitted through Google Docs as it will be included within the website.
* Resource Tab- cite all resources used. Pictures, videos and research should be cited with appropriate formatting. Citing websites listed below.

**Option 2: Diorama**

* Create a 3D scene of the layers of the atmosphere. Using more than one shoe box will be beneficial in displaying the atmospheric layers. If pictures are printed from the internet and used within your diorama, please cite your sources.
* Pictures and research should be cited with appropriate formatting. Citing websites listed below.
* Written “What if” piece submitted through Google Docs. Directions below.

**Option 3: Online Presentation Form (Using the following: Museum Box, Glogster or Emaze)**

* Use a new online tool that you have never used before! There are many tutorials online on how to use the different presentation software. Glogster account can be requested through the teacher.
* Pictures, videos and research should be cited with appropriate formatting. Citing websites listed below.
* Written “What if” piece submitted through Google Docs. Directions below.

**Option 4: Presenting in your own way**

* Do you have your own way of presenting the information? Must get teacher’s approval.
* Pictures, videos and research should be cited with appropriate formatting. Citing websites listed below.
* Written “What if” piece submitted through Google Docs. Directions below.

**Project Requirements**

**Model/Presentation (10 Points)**

* Structure of the Atmosphere
  + Layer Name
  + Thickness of each layer
  + Position of layer from Earth’s surface
  + Temperature(s)
  + Special characteristics of each layer
* Composition of the Atmosphere
* Changes with Altitude
  + Temperature
  + Air Pressure
  + Density
* What role does the atmosphere play? What is the purpose?
  + Greenhouse Effect
  + Protection from U.V. Radiation

**Written Research: Write a paper that would discuss what the earth would be like if Earth didn’t have an atmosphere. (10 Points)**

* Describe 10 ways Earth would be different; support it with facts from your research
* Explain how this change would affect you and why
* Create a bibliography with at least 2 sources of information using the correct formatting. Use the websites below for help.
* Written research submitted to teacher through Google Docs.

**Bibliography (Citing your sources)**

* Generate citations in MLA, APA & Chicago formats for your bibliography. Save time by making a Works Cited page automatically!

<http://www.easybib.com/>

* Citation Machine helps students and professionals properly credit the information that they use. Cite sources in APA, MLA, Chicago, or Turabian for free.

<http://www.citationmachine.net/>