

TOPIC 33: WEATHER ASSIGNMENT (WRITE A PAPER – activity 17)

Get Started

- Read this explanation for the Earth science assignment.
- Launch Google Classroom (if this is used in your class)
 - Or ... launch MS Word ... or, possibly handwrite the essay.
- Select the “Weather” assignment.
- Launch Google Doc within the assignment.
- Write your paper.
- At the top of your paper include your full name followed by your full email address.
- Title the paper “Weather Essay.”

Basic Format Expectations

- Avoid using a fancy font. Use black Times New Roman size 12, double spaced.
- Note: You will need to select the font and size of font.
- Note: You will ALSO need to select double-spaced text.
- Left justify the text with an indented first line of each new paragraph.

“This is an example of what your text should look like. The text must be in Times New Roman, size 12 font. Use black font color only. Confirm your text is double spaced. The default for a Google Doc does not use Times New Roman and the default is not double spaced. You will need to change the formatting to resemble this paragraph.

Each new paragraph begins with an indented first line. This makes reading the assignment easier.”

Other Expectations

Do not plagiarize. This means to avoid copy/pasting text from other sources. Also, do not simply re-type information from other source. Both of these actions are called plagiarism. Colleges and universities have technology that automatically examines student reports for plagiarism. Plagiarism can result in failing a class, or even being expelled from the school. High school is a great opportunity to practice writing – even about science – by using your own words to describe things. In my classes at Keota, I use a tool called “Plagium.” It is very similar to what colleges use to verify a student’s work is not copied from another source.

Paper Expectations

Avoid “FLUFF.” This means do not add words just because you are trying to achieve the target word count. Writing fluffy sentences adds no value to your thinking and just makes a paper more difficult to read and grade. For example, there is no need to start your paper with a sentence like these:

- “This paper is about weather.”
- “I have been assigned to write a paper about weather, so this paper is about weather.”

The INSTRUCTOR ALREADY KNOWS your paper is about weather – that’s what the assignment is. There is no reason include a fluffy preface like the two example sentences above. Many students (understandably) include sentences like this just to get started. And that’s okay to get started. But, eliminate fluffy things like this before submitting your final paper.

Spell check your work. One of the easiest things to do is to correctly spell words. Also, use complete sentences.

Paper Length and Content

Your instructor may modify the suggested word count listed here. These are the minimum word counts suggested for high school students on this specific essay assignment::

- 9th – 200 words
- 10th – 240 words
- 11th- 280 words
- 12th – 320 words

Note the expression “minimum” – that does NOT mean you should write your paper to be exactly that many words. This means you should have no fewer than the target number of words.

Your paper is to be about factors that influence weather. Include how the Coriolis Effect effects wind and wind direction. Include concepts of gravity and how gravity plays a part in the atmosphere. Include concepts of evaporation and the influence of humidity on the density of air (e.g., air pressure). Describe differences between weather that is influenced by land compared to the oceans. You will need to research some of this information because not all of this is covered by your worksheet or the videos for this topic.

- Coriolis Effect
- Gravity
- Evaporation/Humidity
- Air Density/Air Pressure
- Land vs Ocean weather
- Paper Length and Content