Mini Project: News Reporter

Task: Calling all weather men, and women! The OLL Weather Station needs YOUR help! You will be giving the anticipated weather for a city of your choosing for the upcoming week. You will provide a detailed weather report, as well as give recommendations for appropriate clothing for residents in that area to wear.

Materials:

* Device
* Graph Paper
* Pencil
* Ruler
* Word Processor (Google Docs acct)

Directions:

1. You and your partner will decide for what city you would like to be the weather forecaster.
2. Look up the city name on either: *CIA World Factbook* or [www.encyclopedia.com](http://www.encyclopedia.com) and search the city in the search bar. You must come up with at least 5 interesting facts about the city you chose.
3. Look up the projected 5-day or 7-day forecast. Graph those values.
4. Graph the forecast. The x-axis will have each day, the y-axis will have the temperatures. After you plot each point, connect the dots. Use a pencil first, then a pen. Your graph will be labeled and neat. You are only getting one piece of graph paper. Make the one piece count.
5. Answer the following questions, on a word document, using complete sentences. Make your report sound interesting too!
	1. From what city are you reporting? Incorporate the 5 facts from step 2 into your answer. This will be the end of the first paragraph.
	2. What is the projected forecast for the city, over 5 or 7 days? What is the spread (the range) of the values?
	3. What day has the largest change? What day has the smallest change?
	4. What is the hottest day temp? The coldest day temp? What should someone wear on those days? Any activities that are happening that people should know about?
	5. How do you project the following week’s temperatures to be?
6. Share your document with me. This can be via the “share” feature on Google docs, or you can email me. Your report must be a digital version.
7. Create a list or collage of different clothing items you will need to wear for the projected weather. Also, you can include a list of things to do even, if the area depends on particular weather types for economic growth (ie. Skiing or water sports)
8. You and your partner then come up with a clever way to present your forecast. You can be a normal news anchor, you can use props to help you out. Be creative!
9. Have fun!

|  |  |  |  |
| --- | --- | --- | --- |
|  | 5 | 3 | 1 |
| City and Description | City name is clearly stated and description is clear and creative. | City name may be clearly stated and description may be mostly clear. | City name may/not be stated; description may be missing. |
| Graph | Graph is neat, labeled, and accurate. | Graph is mostly neat and is 80-90% accurate. | Graph is not neat, labeled, and/or accurate.  |
| Graph Analysis | Analysis thoroughly answers all questions. | Analysis answers most questions, may be thorough. | Analysis is not thorough and is missing most answers. |
| Integer Work | Day changes are properly expressed and written correctly 90-100%. | Day changes are mostly correct (80-90%) and are mostly expressed correctly. | Day changes are not properly expressed and are below 80% accuracy. |
| Spelling and Grammar | Spelling and grammar is correct 90-100%. | Spelling and grammar is 80-90% accurate. | Spelling and grammar is below 80% accuracy. |