Weather Folklore: Helpful sites

1. <http://www.almanac.com/content/weather-predicting-do-it-yourself>
2. <http://www.weatherwizkids.com/weather-folklore.htm>
3. <http://www.stormfax.com/ghogday.htm>
4. <http://www.naturalnavigator.com/the-library/weather-lore>

Weather Folklore

Students will research and explain 3 weather folklore and find the data to prove or disprove one of them

Once you have chosen your 3 folklore you will research one to see if what the folklore predicts actually happens most of the time. You will then decide if the folklore holds true or not. Make a chart to show your findings. Include relevant graphs and data

1. State/ Explain the folklore
2. Present the data that helps to prove or disprove
3. Say whether the folklore holds true or not citing evidence
4. Chose 3 from the list below
5. If the groundhog sees its shadow then it will be an early spring
6. Year of the snow fruit will grow
7. The chill is on near and far in all the months that have an R.
8. The south winds bring wet weather, the north wind wet and cold together, the west wind always brings us rain, the east wind blows it back again.
9. When the dew is on the grass, rain will never come to pass.
10. The sharper the blast the sooner its past
11. A sunshiny shower won’t last half an hour
12. No weather is ill if the wind is still
13. Red sky at night sailors delight, red sky in the morning sailors warning
14. If there is a halo around the sun or moon then we can all expect rain quite soon

Student must

1. State the folklore and explain what it means
2. Find and present evidence that proves or disproves it.
3. Make a chart which includes a graphical representation that helps to prove or disprove the folklore
4. Each folklore must contain a relevant graphic

Rubric

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| Criteria | 4 | 3 | 2 | 1 |
| Spelling and Grammar | There are no spelling or grammatical errors. Everything is written in complete sentences. | Written in complete sentences. Very few grammatical errors. | Written in phrases and contain grammatical errors. | Written in incomplete sentences. |
| Accuracy | Folklore is accurately stated, as well as the explanation. The data used is from a legitimate source. | Folklore is accurately stated. The explanation is correct. Data and source is cited. | Folklore is accurate. Explanation is correct. Only data is cited | Folklore is accurate but explanation may be incorrect. No data or evidence to support |
| Graphics and Neatness | Poster is neat the graphics used are relevant to what the folklore is expressing. Graphics are used for every folklore | Poster is neat. Graphics are used for 2/3 folklore. Graphics are relevant to the folklore | Poster is neat. Includes some graphics, graphics aid in understanding the poster | Poster is not neat and hard to read. No graphics are included |
| Organization | Information is very organized with clear subtitles and headings | Information is organized with subtitles and headings | Information is organized with subtitles and heading but they do not help the reader to understand the poster | Information appears to be disorganized. |
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**Unit Crossword**

<http://worksheets.theteacherscorner.net/make-your-own/crossword/>

Create a crossword puzzle with 25 weather related terms that we have learned. Create a blank puzzle as well as one with all the answers included.

Blank.

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Clues: Down Across

Answer Key

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Clues: Down Across

Puzzle rubric, also the rubric for noteworthy

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| Criteria | 4 | 3 | 2 | 1 |
| Spelling and Grammar | All the clues are written in complete sentences and there are no grammatical errors. | All clues are written in complete sentences. Very few grammatical errors. | Clues are written in phrases and contain grammatical errors. | Clues are written in incomplete sentences. |
| Accuracy | Clues accurately describe the vocabulary term. | Most of the clue is accurate for the expected term. | Part or parts of the clue are not true of the vocab term. | Clue is not accurate of that vocabulary term. |
| Neatness | Puzzle in neat. All words fit where they are supposed to go and the puzzle can be done by anyone in a 7th grade science class. | Most of the words fit where they are supposed to go. They are only a few errors. | Some words do not fit where they are supposed to go. | Many words do not fit where they are supposed to go. |
| Rigor | The vocabulary important and essential words from the unit. | Words chosen came up in this unit but you may have heard them before. | Some everyday terms with very few specific terms. | Words chosen are not very specific to this unit. |
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Noteworthy or nonsense

Research facts about storms, clouds and fronts and write 24 true or false questions on notecards.

Half of the questions must be false and you must give a justification for the questions that are wrong.

* All the true statements must be true
* All the false statements must have an explanation
* You must have an answer Key
* Correct grammar and spelling and complete sentences are expected.