

# Weather Folklore

**Objective:** Research two weather folklore and find the data to prove or disprove them.

Student will...

1. State the folklore and explain what it means
2. Find and present evidence that proves or disproves the folklore (research to see if what the folklore predicts actually happens MOST of the time).
3. Make a chart which includes a graphical representation that helps to prove or disprove the folklore (include relevant graphs/data).

Chose 3 folklore from the list below...

1. If the groundhog sees its shadow then it will be an early spring
2. Year of the snow fruit will grow
3. The chill is on near and far in all the months that have an R.
4. 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.
5. When the dew is on the grass, rain will never come to pass.
6. The sharper the blast the sooner its past
7. A sunshiny shower won't last half an hour
8. No weather is ill if the wind is still
9. Red sky at night sailors delight, red sky in the morning sailors warning
10. If there is a halo around the sun or moon then we can all expect rain quite soon

## 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>

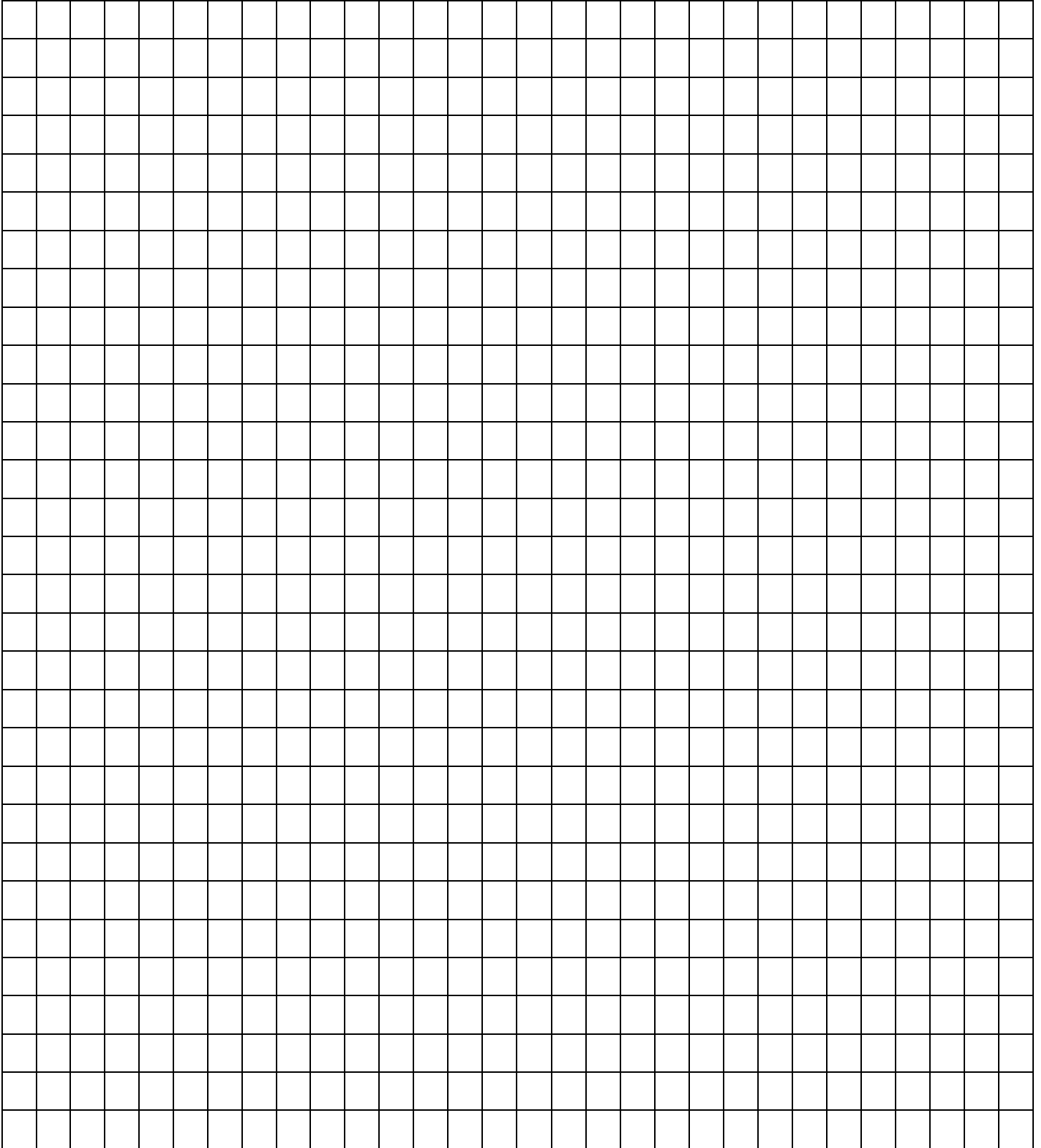
## Rubric

Criteria	4	3	2	1
<b>Spelling &amp; Grammar</b>	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. Has grammatical errors that make it difficult for the reader to understand
<b>Accuracy</b>	Folklore & explanation are accurately stated in an exemplary & creative manner. 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
<b>Graphics &amp; Neatness</b>	Poster exemplary, creative & neat; the graphics used are relevant to folklore Graphics are used for every folklore	Poster is neat. Graphics are used for 1/2 folklore. Graphics are relevant to the folklore	Poster is neat. Includes some graphics, graphics somewhat aid in understanding the poster	Poster is not neat and hard to read. No graphics are included or do not connect to folklore
<b>Organization</b>	Information is extremely 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.

# Unit 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. Write the clues on a separate sheet of paper.

## Blank





## Crossword Puzzle Rubric

<b>Criteria</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Spelling &amp; Grammar</b>	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 several grammatical errors	Clues are written in incomplete sentences and have grammatical errors that make it difficult for the reader to understand
<b>Accuracy</b>	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.
<b>Neatness</b>	Puzzle in neat. All words fit where they are supposed to go and the puzzle can be done by anyone in a 7 <sup>th</sup> 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.
<b>Rigor</b>	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.

# Noteworthy or Nonsense

Research facts about weather properties and write 24 true or false questions.

On the answer key, **if a question is false**, write an explanation on what would make the statement true.

Criteria	4	3	2	1
<b>Spelling &amp; Grammar</b>	All the true/false statements are written in complete sentences and there are no grammatical errors	All true/false statements are written in complete sentences. Very few grammatical errors	True/false statements are written in phrases and contain several grammatical errors.	True/False statements are written in incomplete sentences and have grammatical errors that make it difficult for the reader to understand
<b>Accuracy</b>	True/False statements accurately explain the information from the unit	Most of the true/false statements are accurate for the information from the unit	Part or parts of the true/false statements are not true of the information from the unit	True/False statements are not accurate from the unit
<b>Neatness</b>	Flashcards are neat and organized. Questions can be done by anyone in a 7 <sup>th</sup> grade science class	Most of the flashcards are neat and organized. There are only a few errors	Some of the flashcards are lacking organization and/or neatness. It could be difficult for others in the 7 <sup>th</sup> grade to complete	Many of the flashcards are unorganized and/or lacking neatness. Others in 7 <sup>th</sup> grade would not be able to effectively use cards
<b>Rigor</b>	The true/false statements are important and essential topics from the unit.	True/false statements chosen sometimes came up in this unit, but students may have heard them before	Everyday true/false statements created with very few specific statements from the unit	True/false statements created not specific for this unit