* **Weather** ![C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\F4EQQ3TR\MC900440405[1].png]() **Big Universe Informational Writing Rubric**![C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\Z7GOLMYM\MC900391082[1].wmf]()

*You will be using the Writing Section of the Big Universe website (or Microsoft Word if you prefer) to create an informational text about weather. Your book will include various text features and information on many of the different weather topics that we are studying this quarter. Please use this rubric as a guide when you are researching for and creating your book for this project. You may use your science notes about weather, the DiscoveryEd.com website resources, and any other teacher-approved materials from other websites on the Internet. Remember that you will be integrating information during your research and the information should be paraphrased* ***in your own words****!*

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| **Weather Topics:** | **Level 1** | **Level 2** | **Level 3** | **Level 4** |
| **1.) Weather Instruments**-Create a text box that tells what the different weather instruments do and what they measure. Add photographs of the different weather instruments that meteorologists use to your book.**Due February 20, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information.  |
| 2.) **Types of Clouds**-Create a text box that lists the low-level, mid-level and high- level clouds in their correct categories. Then, tell which two types of clouds are vertical clouds. Select four (4) different types of clouds and post images of each with a label under each cloud image that you selected.**Due February 20, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information. |
| 3.) **Seasons/How they Occur**-Explain how the seasons occur as the Earth rotates on its axis around the sun in a text box. Add a diagram next to your text box showing how the Earth’s rotation and tilt on its axis effects the seasons that the different continents experience on our Earth.**Due February 27, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information. |
| 4.) **The Water Cycle**-Explain the stages of the water cycle in a text box and include factoid about how it works. Then, post a **labeled picture of the water cycle** to accompany your text box about the water cycle.**Due February 27, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information. |
| 5.) **Weather Fronts**-Create a text box with the following information:\* What are the four (4) types of weather fronts? \* What are the symbols on a weather map for each type of front? \* Include pictures of each type of front and explain what happens when each type of front is used on a weather map. \* Include what type of weather occurs **before** each type of front comes through and **after** it passes through an area.**Due March 6, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information. |
| 6.) **Weather Maps and Symbols**-Find an image of a weather map for the United States. In a caption, explain the weather forecasts for three (3) different cities in the United States. If you can see a front on your map, explain what type of weather is happening before and after that front.**Due March 13, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information. |
| 7.) Be sure your informational text has a front cover with the title and author, a table of contents, a glossary, and a resources page. You may choose to get creative and add other elements, such as About the Author, etc.**Due March 13, 2015** | The student did not complete the requirements listed on the rubric or he/she completed a minimal amount of work for this portion of the rubric.  | The student completed 1-2 of the required elements listed for this portion of the rubric and the information that he/she provided was somewhat incomplete.  | The student completed 3-4 of the completed requirements for this portion of the rubric and wrote a complete description for each topic listed. The student has a clear understanding of this weather topic and can articulate the ideas associated with this concept clearly. | The student completed all of the listed requirements for this portion of the rubric *AND* he/she added an additional piece of research, and an additional image, or an additional chart, graph, or table of information. |