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| Subject: **Science**  Course:  **Earth Science** | | |
| **Standards**:  **SC.6.E.7.5 –** (Solar Energy), SC.6.E.7.3(Global Patterns)SC.6.E.7.2,(Water’s Effect on Weather),SC.6.E.7.6(Weather vs Climate) | | |
| Topic: Weather | | |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard**  **The student will:**  **F.** Analyze a weather map and predict further weather using information acquired during this unit.  **No major errors or omissions regarding the score 4.0 content** | |
|  | **3.5** | In addition to score 3.0 performance, in-depth inferences and applications with partial success |
| **3.0** | **The student will:**  **D.** Differentiate between weather and climate.  **C.** Describe how global patterns(Jetstream and ocean currents) influence local weather  **B**. Describe local weather in measurable terms (temperature, air pressure, wind direction and speed, humidity, and precipitation)  **A**. Recognize and understand the basic factors that influence weather in our atmosphere: suns radiant energy, water cycle,  unequal heating, and air pressure.  **No major errors or omissions regarding the score 3.0 content (simple or complex)** | |
|  | **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content |
| **2.0** | **The student will recognize and describe specific terminology such as:**  air pressure conduction convection radiation jet streams climate land and sea breezes altitude relative humidity  temperature front infrared  **No major errors or omissions regarding the simpler details and processes but major errors or omissions regarding the more complex ideas and processes** | |
|  | **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content |
| **1.0** | With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. | |
|  | **0.5** | With help, a partial understanding of the score 2.0 content, but not the score 3.0 content |
| **0.0** | Even with help, no understanding or skill demonstrated | |