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| Rubric: Earth’s Place in the Environment - Grade 5 | | |
| 5-ESS1-2 – Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky. | | |
| * I can graph data to reveal daily changes in length and direction of shadows * I can graph data to reveal patterns in length of day and night * I can graph data to reveal patterns in the appearance of stars based on the seasons | | |
| Score  4.0 | Student graphed data is detailed, accurate, and demonstrates thorough understanding of concepts related to:   * daily changes in shadows * patterns in length day and night * patterns in appearance of stars based on seasons | |
|  | 3.5 | Has mastered the 3.0 knowledge and has shown some 4.0 understanding |
| 3.0 | Student graphed data demonstrates general understanding with no misconceptions  of basic concepts related to:   * daily changes in shadows * patterns in length day and night * patterns in appearance of stars based on seasons | |
|  | 2.5 | Has mastered the 2.0 knowledge and has shown some 3.0 understanding |
| 2.0 | Student graphed data demonstrates some understanding with minor misconceptions of basic concepts related to:   * daily changes in shadows * patterns in length day and night * patterns in appearance of stars based on seasons | |
|  | 1.5 | Has mastered the 1.0 knowledge and has shown some 2.0 understanding |
| 1.0 | Student graphed data demonstrates limited understanding with significant misconceptions of basic concepts related to:   * daily changes in shadows * patterns in length day and night * patterns in appearance of stars based on seasons | |
|  | 0.5 | Shows no understanding of the standard |