Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shadow Measurement Rubric

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| --- | --- | --- | --- |
|  | 3 | 2 | 1 |
| Content | The flashlight was placed at the correct spot for measuring. | The flashlight was placed correctly two of three times in each test. | The flashlight did not move. |
| Measurement | The length of the shadow was measured and recorded correctly. | The length of the shadow was measured and recorded correctly two of three times in each test. | The length of the shadow was not measured correctly.  |
| Conclusion | The student is able to discuss how the shadow changed and make conclusions about why that are supported by their data.  | The he student can see that the shadow has changed length but cannot independently draw conclusions about the cause. | The student is unable to explain that the length of the shadow changed based on the position of the light source. |