

Shadow Story Rubric

| | Excellent | Proficient | Adequate | Limited |
|--|---|--|--|---|
| Classifies materials as transparent, translucent, or opaque | Classifies materials accurately as transparent, translucent, or opaque by clearly explaining how light interacts. | Classifies materials as transparent, translucent, or opaque by referring to how light interacts. | Classifies materials partially as transparent, translucent, or opaque but does not explain how light interacts. | Classifies materials inaccurately as transparent, translucent, or opaque and does not explain how light interacts. |
| Describes how shadows are formed and can change | Provides rich and detailed description of how shadows are formed and change, including references to the movement of the object and the light source. | Provides accurate description of how shadows are formed and change, including references to the movement of the object and the light source. | Provides partial description of how shadows are formed and change with minimal reference to the movement of the object and the light source. | Inaccurate or vague description of how shadows are formed and change with no references to the movement of the object and the light source. |
| Describes how shadows change at different times of day | Provides comprehensive and accurate explanation of how shadows change with the movement of the Sun. | Provides clear and straightforward explanation of how shadows change with the movement of the Sun. | Provides simplistic explanation of how shadows change with the movement of the Sun. | Provides incomplete or inaccurate explanation of how shadows change with the movement of the Sun. |