**Evaluation Rubric for Student Assessment**

**Step 4: Make a Hypothesis**

**Learning Goal:** Hypothesize about plant survival by citing evidence from observations of plant parts, plant needs, and/or environmental factors.

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| **Mastery level** | **Level 4**Exceeds goal | **Level 3**Meets goal | **Level 2**Approaches goal | **Level 1**Does not meet goal | **U**Unscoreable |
| **What this means** | Student cites evidence about sunlight and water access in the selected location and references specific plant parts. | Student cites evidence about how the epiphyte accesses sunlight and water in the selected location. | Student cites evidence about sunlight OR water. | Student selects location 3, which is incorrect, or student does not cite appropriate evidence. | Response cannot be assigned a score based on the rubric criteria.  |
| **Sample student responses** | *An epiphyte would grow well in location (1 or 2) because its roots can absorb water from the air and its leaves can get sun that is not available on the forest floor.* | *An epiphyte would grow well in location (1 or 2) because it will get more sunlight there and it can get water from the air.* *An epiphyte would grow well in location (1 or 2) because there is enough moisture and enough sunlight for the plant to grow.* | *An epiphyte would grow well in location (1 or 2) because it gets water from the air.**An epiphyte would grow well in location (1 or 2) because it gets sunlight and fresh air up there.* | *An epiphyte would grow well in location 3 because \_\_\_\_\_\_**An epiphyte would grow well in location (1, 2, or 3) because it is nice in the rainforest.* | Reasons a response might be considered unscoreable:* Student left entire section blank.
* Response is undecipherable.
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