**Hack A Solar Circuit Activity Rubric**

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|  | **3** | **2** | **1** |
| **Origami Circuit’s Electronic Functionality** | Design was created and operated as a fully functional circuit by lighting up LED, sounding the buzzer, etc. The creation functioned normally and did not have to be specifically held at a certain angle for example for the circuit to work. The circuit worked consistently despite repeated manipulation of the origami circuit. | Design was created and operated as a fully functional circuit by lighting up the LED., sounding the buzzer, etc. The origami creation needed to be manipulated, held, or maintained in a specific angle in order for the circuit to be completed. | Design was created, but the LED or other device did not work or did not work in a consistent manner as the origami was manipulated.  |
| **Origami Circuit’s Origami Functionality** | The origami creation was able to fold and unfold and fold repeatedly without negatively impacting the circuit.  | The origami creation was able to fold and unfold a limited number of times or only with specific assistance from the designers.  | The origami creation was unable to fold and unfold without tearing.  |
| **Origami Circuit’s Problem Solving Ability** | The origami folds created a design capable of addressing the desired problem.The designed created to do so solves the problem in a manner, which is both realistic and unique. | The origami folds created a design capable of addressing the desired problem. | The origami design does not reasonably address the group’s desired problem. |
| **Reflection Questions** | Reflection questions were answered and specific evidence from the activity was used to justify answers. | Questions were answered, but evidence used did not connect to the activity. | Questions were answered incompletely with little or no relevant evidence.  |

