

RUBRICS

Grades 9-12 Glogster Multimedia Poster Rubric

<i>Category</i>	<i>Score</i>
<p>Action 1: Background Research</p> <ul style="list-style-type: none"> • Information about JWST technology and Spinoff technology is included in the Glog. (___/4) • Photographs or drawings of the researched technology is in the Glog. (___/4) <p>Action 2: Identify the Problem</p> <ul style="list-style-type: none"> • A Spinoff idea from JWST original or Spinoff technology is identified that addresses a real-world problem. The problem is stated in the Glog. (___/4) <p>Action 3: Identify Criteria and Constraints</p> <ul style="list-style-type: none"> • Criteria and constraints are identified and discussed, identifying the most difficult to meet. (___/4) <p>Action 4: Brainstorm and Select a Design</p> <ul style="list-style-type: none"> • Brainstormed ideas are represented in the Glog. (___/4) • Discussion about how the final Spinoff design was selected is included in the Glog. (___/4) • A sketch of the innovation is included in the Glog. (___/4) <p>Action 5: Build, Evaluate and Refine the Design</p> <ul style="list-style-type: none"> • A model or simulation of the chosen design is created and depicted, ways to improve the design are discussed, and strengths and weaknesses of the final design are part of a video in the Glog. (___/4) x 2 <p>Action 6: Share Your Solution Through a Design Review</p> <ul style="list-style-type: none"> • A brief video (up to 3 minutes) is included that provides an overview of the original JWST technology, a description of how the technology was adapted for the Spinoff, and a description of the need for the Spinoff and its capabilities. (___/4) x2 	<p>____ /44</p>
<p>***Note: Judges may award up to 8 additional points for unique and exceptional work. (___/8)</p>	<p>Total: ____ / 52</p>

Assessment

- 4 (Excellent) = All criteria (procedures, steps, and details) are met or followed.
- 3 (Good) = Most criteria are met with only a few errors.
- 2 (Fair) = Many criteria are met, but work has significant errors.
- 1 (Poor) = Most criteria are not met.
- 0 (No effort) = No effort to meet criteria.