

Astronomy Lab Paper Rubric – 27 Possible Points

Category / Score	3	6	9	Notes	Score
Object Background & Paper Organization	<ul style="list-style-type: none"> • Discusses only one or no suggested background topics • Includes one or no citations supporting information • Spelling & grammar mistakes in every sentence • Use of scientific language is routinely incorrect • Paper is short by a page or more 	<ul style="list-style-type: none"> • Discusses only two suggested background topics • Includes only two citations supporting information • Average number of spelling & grammar mistakes • Use of scientific language is usually correct but infrequently incorrect, and sometimes clunky/awkward • Paper is short by half a page 	<ul style="list-style-type: none"> • Discusses at least three suggested background topics • Includes three or more citations supporting information • No noticeable spelling & grammar mistakes • Use of scientific language is appropriate • Paper is correct length 		
Experimental Plan (Description of Analysis & Data Product Presentation and Explanation)	<ul style="list-style-type: none"> • Description of analysis is incorrect or misleading • It is unclear how the resulting data product could be reproduced • Data product figure is not included or explained at all 	<ul style="list-style-type: none"> • Description of the analysis is mostly clear but occasionally confusing/misleading • Another student could produce the data product based on description offered and a little guesswork • Data product figure is included and explained 	<ul style="list-style-type: none"> • Description of analysis is clear • Another student could produce the data product based on description of analysis alone • Data product figure is included and explained • All suggested identifying information about the observation is included 		
Calculation and Explanation	<ul style="list-style-type: none"> • Calculation is incorrect, or nonexistent • It is unclear how the resulting calculation was made based on the narrative 	<ul style="list-style-type: none"> • Calculation is correct • Another student could repeat the calculation based on the provided description and a little guesswork 	<ul style="list-style-type: none"> • Calculation is correct and clearly/cleanly explained • Another student could repeat and understand the calculation based on provided description • Any external information used to complete the calculation is cited 		
				Final Score	