

Rubric - MST Activity for Students

Item No	Exceptional 4	Very Good 3	Adequate 2	Not adequate 0	Not Applicable	Item	Score
1	Very good plus: topic in the recent news	Topic relevant to course assignment	Topic only marginally related to class	Irrelevant topic		Choice of Topic: Does it conform to the requirement of class (e.g. observational activity for ASTR 530)	
2	Very good plus: Clear statement of importance of science to larger community	Introduction to science topic or mission is clear and appropriate length.	Introduction too brief to motivate or too detailed	incomplete, missing or hard to follow		Introduction: Gives an introduction to the reason for the observation.	
3	Very good plus: flow chart of procedures	Complete, well explained	only brief discussion of approach	incomplete or missing		Approach/Methodology: Describe the methodology a student would use to perform the experiment or activity	
4	Very good plus: movies or other graphical presentations of results	Complete, with proper analysis	only brief discussion of results	incomplete or missing		Results and Analysis: Describe to their student how to analyze the results of their experiment or activity	
5	Very good plus: examples of relevance of science to society	Includes ways it is relevant to other science topics or to other missions	only brief discussion of relevance	incomplete or missing		Impact: Tell how the science might have broader impact on other science topics or on humanity.	
6	Very good plus: clear and compelling	Complete and supported by evidence; clear what is new from the student	only brief listing of conclusions	incomplete or missing		Conclusions: If the experiment is expected to reach conclusions, have the activity clearly state how those conclusions should be drawn (e.g. does the location of the moon in the sky depend on the phase of the moon?)	
7	Very good plus: links to similar programs, links to online background resources	Complete and relevant	Too few; some links not working; too many from Wikipedia	incomplete or missing		External Links (if appropriate): Links to additional material, additional activities, relevant software packages, etc.	
8	Also available in html for inclusion on web page. Used by other teachers in the school or in the class.	Provided on thumb drive or by email	Work available in electronic format preferably Word or RTF	not submitted		Electronic Version: Provide an electronic version for documentation, sharing and archiving.	
						<i>Total score (out of 32)</i>	0