

Rubric

Science Topic Report - Powerpoint

as of Spring 2025

Student name: _____ **Date Presented:** _____

Item Number	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 requirement of class (e.g. be a solar system object or solar system mission for 502 or astrophysical topic or astrophysics mission for 503)	
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 topic or mission. Gives history of previous understanding of the science.	
3	Very good plus: flow chart of procedures	Complete, well explained	only brief discussion of approach	incomplete or missing		Approach/Methodology: If the student chose a spacecraft mission, state the orbit and the instrumentation on the mission	
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: Show the major results of the mission, or the highlights of the science topic chosen.	
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: Restate the major results and impact. Discuss future similar missions or future phases of the present mission.	
7	Very good plus: well laid out and easy to read; links to online versions embedded	Complete and consistent	Too few; inconsistent format; missing DOIs	incomplete or missing; no print references		References: Must include at least one print reference (not only web references). Be sure to include full reference info (Use the DOI for more recent journal articles).	
8	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, etc.	
9	Also available in html for inclusion on web page	Provided on thumb drive or by email	Work available in electronic format .ppt or .pdf	not submitted		Electronic Version: Provide an electronic version for documentation, distribution and archiving.	
<i>Total score (out of 36)</i>							0