

Comprehensive Content Manuscript (CCM) Rubric

Name:

	1	2	3	Score/ Level
Organization of Paper (includes required components: Introduction; Research Question; Review of Literature; Research Methods; Results; Conclusion; Contributions)	Weak organization of ideas; Missing components of the paper	Logical organization of ideas; includes brief skeleton (introduction, body, conclusion) but lacks transitions	Careful and relevant organization of ideas; Each component is included in correct format and good transition	
Thesis/Rationale	There is no clear purpose of the paper; seemingly little attempt to create a thesis statement	Evidence of thesis can be found and author generally maintains purpose through suitable voice and/or tone	Establishes thesis and maintains clear purpose via suitable voice and tone	
Review of Literature	Weak explanation of topic; Little or no current citations that support the research	Incomplete explanation of citations that address research topic; Some relevant citations are included but there is not explanation on their purpose to the study	Concise, clear explanation of topic with relevant and current citations that address the purpose of the research study paper	
Methodology	Does not include reference to how observations or measurements were made and when queried, cannot speculate and or cite possible ways.	Shows knowledge of or reference to how observations or measurements were made when queried, but does not include and does not offer ways to test results.	As a matter of course, includes reference to how observations or measurements were made to validate or question data cited. Proposes ways to test or predicts results.	
Scientific Method	Is unsure of the question and the answer. Recites an answer with little understanding of its meaning or need for supporting evidence.	Starts with a question, proposes the answer supported by valid scientific evidence, but does not consider multiple answers or tests.	Starts with the question, proposes multiple answers, confirms or denies each with valid evidence, proposes tests for remaining potential	

			answers.	
Use of Numerical Data	Relevant data not cited or cited erroneously. Units are not accurate and values are not consistent with general explanation.	Data cited are accurate and have appropriate units. For some data the citation shows poor understanding of size of values. Minor omissions.	Data cited are always accurate and always have appropriate units. The citation indicates understanding of size of values.	
Scientific Principles	No citation of scientific principles or cites wrong ones. Explanation is largely recitation of text or source material. Non -science processes included	Cites and accurately uses an array of relevant scientific principles from text or source material. May include irrelevant principles.	Cites and accurately uses an integrated array of relevant scientific principles, including ones not in text or other source materials.	
Contributions to learning and teaching	No extension beyond specific explanation or extension is out side of the boundaries of research study.	Little explanation to other learning or teaching situations or phenomena; speculation is inappropriate, and or unsupported.	Attempts to use explanation to make predictions in different teaching situations.	
References	No references or incorrect references	Use of references indicate some research	Use of references indicate substantial research	
Mechanics	Frequent errors in spelling, grammar, and punctuation.	Occasional grammatical errors. Spelling has been proofread.	Nearly error-free. Reflects thorough proofreading for grammar and spelling.	
Final Draft/Publication	Final draft shows little evidence of editing and revision. Writer takes little pride in published work.	Final draft shows clear evidence of editing and revision. Writer takes pride in published work.	Final draft shows clear evidence of thoughtful editing and revision. Writer takes exceptional pride in published work.	