College and Career Ready (CCR) Task Bank Scoring Rubric *for Scientific Research Plans and Reports*

Scoring Criteria	Insufficient Evidence	Developing	Progressing	Accomplished	Exceeds
Hypothesis Development: *Locating resources in order to develop a thesis or hypothesis*	The work product is incomplete in this category. Some crucial elements may not be present.	The work product identifies limited resources, or includes sources that are not relevant or reputable; attempts to identify a thesis or hypothesis, but may lack clarity or purpose.	The work product identifies relevant resources that contribute to the development of a recognizable thesis or hypothesis.	The work product includes the collection of multiple, authoritative resources that result in the development of a clearly articulated thesis or hypothesis.	The work product meets and goes beyond expectations of the 'Accomplished' level, demonstrating a high level of proficiency. *For example*: The work product also demonstrates an awareness of multiple perspectives and conflicting views when developing the thesis or hypothesis.
Research Plan: *Planning, conducting, and describing an experiment or study*	The work product is incomplete in this category. Some crucial elements may not be present.	The work product attempts to describe a research plan, but does not adequately outline a data collection and analysis method, limiting replicability; fails to adequately address the hypothesis.	The work product describes a basic research plan including a data collection and analysis method that can be used to address the hypothesis; may contain minor errors affecting replicability.	The work product describes a clear and replicable research plan including an appropriate method for collecting and analyzing daya that effectively addresses the hypothesis.	The work product meets and goes beyond expectations of the 'Accomplished' level, demonstrating a high level of proficiency. *For example:* The work product also describes why the data collection and analytic plan are appropriate for the study.
Results and Interpretation: *Describing and interpreting results in relation to the hypothesis*	The work product is incomplete in this category. Some crucial elements may not be present.	The work product attempts to describe results from data analyses but may do so with errors; analysis lacks a connection to the hypothesis.	The work product generally describes results from data analyses, but may have some minor errors in interpretation; adequately relates results to the hypothesis.	The work product accurately describes and interprets results from data analyses and clearly relates findings to the hypothesis and to authoritative information sources.	The work product meets and goes beyond expectations of the 'Accomplished' level, demonstrating a high level of proficiency. *For example*: The work product also explores areas for further research or study that could result from the findings.
Communication: *Using subject-appropriate language and considering audience*	The work product is incomplete in this category. Some crucial elements may not be present.	The work product attempts to use discipline-specific language, though may do so inaccurately; representation of data is minimal or unclear; demonstrates little consideration of the audience.	The work product uses discipline-specific vocabulary and language with few errors; clearly displays data; demonstrates some consideration of the audience.	The work product effectively integrates discipline-specific vocabulary and language; presents data correctly in a manner appropriate to the type of data collected; demonstrates consideration of the audience's knowledge of the topic.	The work product meets and goes beyond expectations of the 'Accomplished' level, demonstrating a high level of proficiency. *For example:* The work product also displays data in multiple, appropriate ways that enhance the final product.
Organization: *Structuring main ideas and incorporating supporting information*	The work product is incomplete in this category. Some crucial elements may not be present.	The work product attempts to organize main ideas and supporting information, but lacks a strong cohesive structure; transitions may not contribute to the flow or provide linkage between ideas.	The work product uses a basic, discipline-appropriate structure with main ideas, transitions, and supporting information that is suitable for the assignment.	The work product reveals a clear, discipline-appropriate structure including an introduction, a conclusion, and transitions that make connections and distinctions between ideas; includes claims, counterclaims, and supporting evidence.	The work product meets and goes beyond expectations of the 'Accomplished' level, demonstrating a high level of proficiency. *For example:* The work product also captures the reader's attention by using innovative or unique organizational elements that support the central thesis.
Accuracy: *Attending to detail, grammar, spelling, conventions, citations, and formatting*	The work product is incomplete in this category. Some crucial elements may not be present.	The work product demonstrates some attention to detail and a limited control of standard English; may contain numerous errors in spelling, punctuation, conventions, and grammar that may detract from the meaning; attempts to include citations, but may do so inconsistently or incorrectly.	The work product demonstrates attention to detail and a control of standard English with limited errors in spelling, punctuation, conventions, and grammar that do not detract from the meaning; citations are included with minimal formatting errors.	The work product demonstrates strong attention to detail and a firm command of standard English with very few errors in spelling, punctuation, conventions, and grammar; citations are consistently used with correct formatting.	The work product meets and goes beyond expectations of the 'Accomplished' level, demonstrating a high level of proficiency. *For example:* The work product also demonstrates an effort to incorporate revisions and feedback from various sources to produce a refined written product.