

SUNY Broome Community College BIO/HST 104: Health for Haiti Health/Nutrition Data Assignment Rubric

Expectations	Does not meet (0-29 pts)	Approaches (30-34 pts)	Meets (35-44 pts)	Exceeds (45-50 pts)	Points
Understanding the Role of Observations in Science	Few or no significant observations are identified; those that are identified lack detail.	Some observations are correctly identified but may not be fully or clearly articulated.	Many observations are accurately identified and details of at least some of the elements are provided.	Most observations are accurately identified, and details are assigned appropriate significance.	
Understanding Scientists' use of Hypotheses	A hypothesis is not identified or stated, OR, a hypothesis is proposed that may not be testable.	A hypothesis is recognized but its relevance to the scientific issue under study is not discussed.	A plausible hypothesis is recognized or proposed, that is relevant to the scientific issue under study.	A plausible testable hypothesis is recognized or proposed, and a sophisticated understanding of its implications is demonstrated.	
Understanding Measurement and Data Collection	Limited understanding is shown of measurement strategies and/or data collection techniques appropriate to the study of the identified scientific issue.	Recognition that measurement and data collection are an integral part of the scientific method, but application may not be described/done correctly.	Measurement strategies and/or data collection techniques are correctly identified or described for the scientific issue under study.	Measurement strategies and/or data collection techniques related to the scientific issue are correctly identified, described, and/or performed, and applicability and limitations of each are discussed.	
Understanding Methods of Analysis and Evaluation of Data	Little or no evidence is seen of an understanding of how data collected during science research is analyzed or evaluated.	Some evidence is seen of an understanding of how data collected during science research is analyzed or evaluated.	Evidence is seen, in the context of the scientific issue under study, of how data collected during science research is analyzed or evaluated.	Evidence is seen of discussion of the significance of data collected during science research, and its strengths and limitations.	
Application of Scientific Concepts Appropriate to the Discipline	Work shows no evidence of ability to apply scientific concepts to practical problem solving appropriate to the discipline.	Work shows limited evidence of ability to apply scientific concepts to practical problem solving appropriate to the discipline.	Work shows evidence of reasonable ability to apply scientific concepts to practical problem solving appropriate to the discipline.	Work shows evidence of sophisticated ability to apply scientific concepts to practical problem solving appropriate to the discipline.	
TOTAL POINTS					