

Scientific Literacy Assessment Rubric

Criteria	Excellent = 4	Good=3	Satisfactory=2	Unsatisfactory=1
Demonstrates an understanding of core scientific concepts and appropriate language	Uses core concepts and appropriate terminology always with no errors	Uses core concepts and appropriate terminology consistently with few errors	Uses core concepts and appropriate terminology sometimes with some errors	Rarely or never uses core concepts and appropriate terminology. Many errors, ambiguous explanations and /or improper usage
Demonstrates the ability to evaluate, analyze and interpret data	Able to collect and examine information and data. Always identifies relevant information and / or data. Complete examination of data and information	Able to collect and examine information and data consistently with few errors. Almost complete examination of data and information	Able to collect and examine information and data but utilizes some irrelevant information and / or data. Omits some relevant information and / or data. Incomplete examination of information and / or data	Unable to collect and examine information and / or data. Utilizes irrelevant information and / or data. Omits relevant information and / or data
Demonstrates the ability to draw conclusions based on evidence	Evaluates, analyzes and interprets consistently with no errors	Evaluates, analyzes and interprets consistently with few or no errors	Evaluates, analyzes and interpret sometimes. Some errors in analysis, incomplete evaluation of data and / or results. Some errors in interpretation	Many errors in analysis. Unable to evaluate data and / or results. Many errors in interpretation