

Quantitative Literacy Rubric

Students perform computations, identify and draw inferences from relevant information/data and represent it graphically, symbolically, numerically and verbally.

A. Shows all of the necessary steps to complete the task.

Behavior Absent	Behavior Emerging	Behavior Developing	Behavior Present
No steps are shown.	Few steps are shown.	Most steps are shown. Steps are not organized well.	All steps are shown completely. Steps are organized well and conform to the course's standards.
0	1 / 2	3 / 4	5

B. Performs computations with appropriate accuracy.

Behavior Absent	Behavior Emerging	Behavior Developing	Behavior Present
Computations are absent or not accurate, with multiple errors.	Some computations are accurate, with some errors.	Most computations are accurate, with few errors.	All computations are accurate, with no errors.
0	1 / 2	3 / 4	5

C. Uses critical thinking to draw correct inferences from relevant information.

Behavior Absent	Behavior Emerging	Behavior Developing	Behavior Present
Never identifies relevant information nor draws correct inferences. Result does not fit with the context of the problem.	Sometimes identifies relevant information but may not draw correct inferences. Result may not fit with the context of the problem.	Frequently identifies relevant information and draws correct inferences. Result fits with the context of the problem but may be incorrect.	Always identifies relevant information and draws correct inferences. Result is correct and complete.
0	1 / 2	3 / 4	5

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D. Models information/data graphically or using visual representation.

Behavior Absent	Behavior Emerging	Behavior Developing	Behavior Present
Never selects an appropriate model or creates an accurate representation for the given information. Does not correctly label a graph/figure.	Sometimes selects an appropriate model or creates a representation for the given information with some accuracy. May not correctly label a graph/figure.	Frequently selects an appropriate model or creates a representation for the given information with few errors. Labeling of graphs/figures is present but incomplete.	Always selects an appropriate model or creates a representation for the given information with no errors. Graph/figure is accurate and correctly labeled.
0	1 / 2	3 / 4	5

E. Represents information symbolically and / or numerically.

Behavior Absent	Behavior Emerging	Behavior Developing	Behavior Present
Never represents information symbolically and / or numerically.	Sometimes represents information symbolically and / or numerically with some errors.	Frequently represents information symbolically and / or numerically with few errors.	Always represents information symbolically and / or numerically with no errors.
0	1 / 2	3 / 4	5

F. Interprets numerical, symbolic, or graphical information or computation results.

Behavior Absent	Behavior Emerging	Behavior Developing	Behavior Present
Never translates/interprets information or results correctly.	Sometimes translates/interprets information or results correctly.	Frequently translates/interprets information or results correctly. Uses content-specific vocabulary words.	Always translates/interprets information or results correctly. Uses content specific vocabulary words including units, labels, and/or appropriate formatting.
0	1 / 2	3 / 4	5