

Life & Physical Sciences

Empirical & Quantitative Skills

Objective	1 - Absent	2 - Poor	3 - Fair	4- Good
Empirical and Quantitative Skills	No evidence presented.	Lacks evidence of adequate manipulation or analysis to generate a reasonable or correct conclusion.	Some evidence of adequate manipulation or analysis, but improvement is needed.	Demonstrates manipulation or analysis that yields a reasonable or correct conclusion.
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Life & Physical Sciences

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

Core Objectives

- **Critical Thinking Skills:** To include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills:** To include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical & Quantitative Skills:** To include the manipulation and analysis of numerical data or observable facts results in informed conclusions.
- **Teamwork:** To include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal