

9.0 A CVU graduate understands and applies scientific knowledge to explain and demonstrate an understanding of his/her world.

Standards of Performance	Exceed the Standard	Achieve the Standard	Nearly Achieves the Standard	Little Evidence Or Below the Standard
9.1 Principles of Science	Identifies and explains, in depth, scientific principles within one scientific discipline and/or makes relevant connections to other areas of science or to their world.	Explains scientific principles; applies these principles using examples, models, and scientific methodology.	Explains scientific principles; with guidance, demonstrates and applies scientific knowledge.	Demonstrates little or no understanding; lacks the ability to apply scientific principles.
9.2 History of Science	Analyzes how the incremental advances in science develop to meet human needs and aspirations over time.	Explains that the principles of science are incomplete and not absolute; identifies and explains the ways in which science and society influence each other over time.	Identifies at least one principle of science that has changed over time and ways in which science and society have influenced each other.	Demonstrates little knowledge of the development scientific principles and/or the ways in which science and society influence each other.