

Rubric Dimensions	Capstone	Milestones	Milestones	Benchmark	No Evidence	Not Applicable
	4	3	2	1	0	NA
C1.1: Science Literacy Acquire basic contemporary science literacy that enables discussion of scientific issues at a non-professional level of expertise.	Skillfully demonstrates basic contemporary science literacy, which includes the ability to engage in discussions of scientific issues at a non-professional level of expertise.	Competently demonstrates basic contemporary science literacy, which includes the ability to engage in discussions of scientific issues at a non-professional level of expertise.	Shows some difficulty with demonstrating basic contemporary science literacy, including the ability to engage in discussions of scientific issues at a non-professional level of expertise.	Shows great difficulty with demonstrating basic contemporary science literacy, including the ability to engage in discussions of scientific issues at a non-professional level of expertise.	No Evidence	Not Applicable
C1.2: Empirical Methodology Apply the distinctively empirical methodology of the sciences to study physical phenomena.	Skillfully applies the distinctively empirical methodology of the sciences to study physical phenomena.	Competently applies the distinctively empirical methodology of the sciences to study physical phenomena.	Shows some difficulty with applying the distinctively empirical methodology of the sciences to study physical phenomena.	Shows great difficulty with applying the distinctively empirical methodology of the sciences to study physical phenomena.	No Evidence	Not Applicable
C1.3: Interdisciplinarity Recognize the interdisciplinary aspect of science, not only to other forms of scientific inquiry, but to fields of study outside of science.	Adeptly recognizes the interdisciplinary aspect of science, not only to other forms of scientific inquiry, but to fields of study outside of science.	Recognizes the interdisciplinary aspect of science, not only to other forms of scientific inquiry, but to fields of study outside of science.	Shows some difficulty with recognizing the interdisciplinary aspect of science, not only to other forms of scientific inquiry, but to fields of study outside of science.	Shows great difficulty with recognizing the interdisciplinary aspect of science, not only to other forms of scientific inquiry, but to fields of study outside of science.	No Evidence	Not Applicable
C1.4: Ethical Boundaries Identify ethical boundaries and implications of contemporary scientific developments.	Adeptly identifies ethical boundaries and implications of contemporary scientific developments.	Identifies ethical boundaries and implications of contemporary scientific developments.	Struggles to identify ethical boundaries or implications of contemporary scientific developments.	Struggles to identify ethical boundaries and implications of contemporary scientific developments.	No Evidence	Not Applicable
C1.5: Social Impact Identify the historical development and social impact of science.	Adeptly identifies the historical development and social impact of science.	Identifies the historical development and social impact of science.	Struggles to identify the historical development or social impact of science.	Struggles to identify the historical development and social impact of science.	No Evidence	Not Applicable