

STS Core Assessment Rubric
(September 2, 2016)

Objective	Highly proficient - 4	Proficient - 3	Approaching proficiency - 2	Not proficient - 1
1.1 Comprehend the relevant science and/or technology and explain how science and/or technology advance through the process of inquiry and experiment.	All the scientific or technology development is explained fully and clearly, along with how their advancements have been guided by a process of formal or informal inquiry, reasoning, and/or experimentation.	Most of scientific or technology development is explained reasonably clearly, along with how advancements have been guided by a process of formal or informal inquiry, reasoning, and/or experimentation	The scientific or technology development is stated but not described fully. While the type of the advancement is described, limited information is provided about how advancements have been guided by a process of formal or informal inquiry, reasoning, and/or experimentation.	Little background or explanation given for the scientific and/or technology development. The type of advancement is mentioned, but without any information about the process of inquiry.
1.2 Analyze and evaluate the mutual influence between science and/or technology and society.	Makes insightful, evidence-based inferences about the ways in which science and/or technology is shaped by needs, demands, or other conditions in society and its impact on individuals, groups, societies, nations, or the world (e.g., social, political, economic, legal, organizational).	Draws relevant inferences grounded in some evidence about the ways in which science and/or technology is shaped by needs, demands, or other conditions in society and its impact on individuals, groups, societies, nations, or the world (e.g., social, political, economic, legal, organizational).	Describes in a limited way and/or with little analysis, ways in which science and/or technology is shaped by needs, demands, or other conditions in society and its impact on individuals, groups, societies, nations, or the world (e.g., social, political, economic, legal, organizational). The description may rely more on assumptions than evidence.	Limited description, with no analysis, of ways in which science and/or technology is shaped by needs, demands, or other conditions in society and its impact on individuals, groups, societies, nations, or the world (e.g., social, political, economic, legal, organizational). Description may contain inaccuracies or significant overgeneralizations.