

Assignment Worksheet for Scientific World

Name: _____ Department: _____

1. Please describe the assignment you plan to use with the General Education assessment.

2. Please review the assignment and verify the assignment addresses the performance criteria by checking the box on the right. Please note that outcomes 1 through 3 are required, and that an additional student learning outcome (from outcomes 4 through 8) has been selected for assessment by your department chair.

1. Gather, interpret, and assess information from a variety of sources and points of view.
2. Evaluate evidence and arguments critically or analytically.
3. Produce well-reasoned written or oral arguments using evidence to support conclusions.
4. Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the scientific world, including, but not limited to: computer science, history of science, life and physical sciences, linguistics, logic, mathematics, psychology, statistics, and technology-related studies.
5. Demonstrate how tools of science, mathematics, technology, or formal analysis can be used to analyze problems and develop solutions.
6. Articulate and evaluate the empirical evidence supporting a scientific or formal theory.
7. Articulate and evaluate the impact of technologies and scientific discoveries on the contemporary world, such as issues of personal privacy, security, or ethical responsibilities.

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8. Understand the scientific principles underlying matters of policy or public concern in which science plays a role.

