

**Students will solve problems through research,
analysis, application, evaluation, and creativity.**

Criteria	Exceeds the Standard 4	Meets the Standard 3	Progressing Toward the Standard 2	Below the Standard 1
Defines problem and identifies problem-solving strategies	Demonstrates clear understanding of main problem and secondary components. Uses multiple appropriate problem-solving strategies and applies them	Identifies main problem and may identify secondary components. Identifies appropriate strategies and applies them	Identifies the main problem, may have difficulty identifying secondary components. Limited to single approach to a solution and attempts to apply it	Limited ability to identify main problem. May identify one problem-solving approach but does not apply it.
Identifies Sources and Collects Information	Identifies multiple and varied types of credible and appropriate sources and collects relevant and specific information related to the topic	Identifies credible and appropriate sources and collects information mostly relevant to the topic	May identify some appropriate sources and information collected may not all relate to the topic	Does not identify appropriate sources of information or cannot collect information that relates to the topic
Verifies question is answered and supports the “reasonableness” of the solutions. Makes appropriate corrections	Always verifies that the question is answered. Work/reasoning supports the reasonableness of the solution. Identifies corrections that need to be made and adjusts accordingly	Usually verifies that the question is answered. Work/reasoning supports the reasonableness of the solution. Identifies corrections that need to be made	Rarely attempts to verify that the question is answered. Shows some work/reasoning to support the solution. May not make appropriate corrections.	Does not verify that the question is answered. Does not show work/reasoning to support the solution
Creative Approaches to Problem-Solving	Shows creative approaches to problem solving; ideas are creative and inventive.	Expands upon traditional approaches to problem solving	Able to apply traditional approaches to problem solving	Difficulties applying traditional approaches to problem solving
Justification for ranking and/or plan for student improvement:				