GREAT SCHOOLS PARTNERSHIP

Performance Indicator	1	2	3	4
A. Observe and evaluate situations in order to define problems.	I can • make observations about situations.	I can • identify relationships to make inferences about a problem; • propose possibilities to define a problem.	I can • make observations and collect related information from multiple sources; • articulate the problem and identify constraints.	I can • analyze situations to define complex problems and explain their relevance within the world.
B. Frame questions, make predictions, and design data collection and analysis strategies.	I can • ask questions about a situation; • ·Find information in sources provided for me.	I can • ask questions to clarify my understanding; • take information into consideration when making predictions.	I can • ask probing questions about a situation; • make predictions considering multiple sources of information; • identify tools and design procedures needed for collecting, managing, and analyzing information.	I can • justify my design by analyzing strengths and weaknesses; • connect the situation to a larger context and make a prediction based on that context.
C. identities and perspectives. Identify and analyze patterns, trends, and relationships in the data or information.	I can • describe the data/information I have gathered.	I can • identify simple patterns and trends in my data/information; • determine whether my data are sufficient or if I need to gather more data/information.	I can • identify patterns and trends in data/information; • analyze these patterns and trends to identify relationships.	I can • identify data crucial to the problem; • identify and prioritize patterns and trends in data/information most relevant to the problem.
D. Based on analysis of the data or information, generate options and use evidence to propose and justify a solution.	I can • identify strategies that could be used to solve a problem; • propose a simple solution.	I can • explain my analysis of the data or information; • list possible solutions for the problem.	I can • create a list of possible solutions for the problem based on my analysis of the data/information; • explain a workable solution and explain my reasoning.	I can • create a list of possible solutions based on a thorough analysis of complete and sophisticated data/information; • develop a creative and

			workable solution and justify my reasoning thoroughly with evidence.
E. Identify opportunities for innovation and collaboration.	I can • I can identify places where innovation and/or collaboration are possible.	I can • identify an additional source of information for my project.	I can • identify a range of peers and field experts/ organizations to support my work; • identify opportunities for new thinking or creative problem-solving.	I can • create opportunities for new thinking or creative problem-solving; • seek out a variety of experts, peers, experiences, or sources of information that could add additional viewpoints or insights.
F. Evaluate the available tools, including technology, and select one to address the problem.	I can • identify digital or physical tools that could be used to solve a given problem".	I can • identify a range of appropriate tools to help solve a problem.	I can • evaluate multiple tools to choose a tool that will effectively solve a problem; • use the selected tool to solve the problem; • articulate and/or explain why the tool was or was not the best choice.	I can • be creative and innovative in my selection and use of tools; • seek out and learn about new tools that are very well-suited to the problem, or adapt a tool to fit my needs.
G. Persist in solving challenging problems, adapting strategies and approaches as needed.	I can • I list some steps needed to solve a problem; • make one effort to solve a problem or a challenge.	I can • explain what I have learned from trial and error; • make at least two attempts to solve a problem.	I can • not give up even after trying several times; • explain how I learned from failure and applied the understanding that I gained from experience.	I can • not give up even after significant setbacks; • connect and use my understanding to other learning experiences and contexts.