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. 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 build a case for the best 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 ● consider possible solutions for the problem based on my analysis of the data / information; ● choose a workable solution and explain my reasoning.	I can ● evaluate possible solutions for the problem based on detailed and 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 ● seek out a variety of experts, peers, experiences, or sources of information that could add additional viewpoints or insights; ● create opportunities for new thinking or creative problem-solving.
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.