

CATEGORY	Expert	Practitioner	Apprentice	Novice
I. DEVELOPING AND IMPLEMENTING A RESEARCH PLAN				
A. Development of Questions	Develops, refines and clarifies sophisticated, open-ended questions about a topic that involves the student and the world around him. <input type="checkbox"/>	Develops open-ended, clear questions about a topic that involves the student and the world around him. <input type="checkbox"/>	Develops factual questions about the topic. <input type="checkbox"/>	Develops unfocused questions about the topic. <input type="checkbox"/>
B. Sources of Information	Uses a variety of relevant resources in various formats that span multiple perspectives and deal with advanced content to address the research question(s). <input type="checkbox"/>	Uses a variety of relevant resources in various formats to address research question(s). <input type="checkbox"/>	Uses a few relevant resources in one or two formats to address the research questions(s). <input type="checkbox"/>	Uses few relevant resources to address the research question(s)/topic. <input type="checkbox"/>
C. Collection of Data	Uses the tools and techniques of the discipline to gather and record data and to answer research question(s) from multiple perspectives. <input type="checkbox"/>	Uses a variety of tools and techniques to gather and record data and to answer research question(s). <input type="checkbox"/>	Gathers and records information that relates to the research question(s). <input type="checkbox"/>	Gathers and records information about the research question(s)/topic. <input type="checkbox"/>
D. Analysis and Interpretation of Data	Makes connections across time, locations, cultures, and disciplines while applying critical thinking skills to organize and use information. <input type="checkbox"/>	Makes connections while applying critical thinking skills to organize and use information. <input type="checkbox"/>	Organizes and records factual data related to the topic. <input type="checkbox"/>	Records factual data related to the topic. <input type="checkbox"/>

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II. PRESENTATION OF LEARNING				
A. Product	Creates a product that includes the purpose of the research and thorough data analysis supported by relevant details using one or more formats appropriate for the discipline. <input type="checkbox"/>	Creates a product that includes the purpose of the research and a data analysis supported by relevant details. <input type="checkbox"/>	Creates a product that reflects the purpose of the research with inconsistent data analysis. <input type="checkbox"/>	Creates a product that inconsistently shows evidence of student planning, reasoning, and/or data analysis. <input type="checkbox"/>
B. Communication	Uses the language of the discipline to convey learning and relate it to everyday situations while addressing an audience. <input type="checkbox"/>	Uses a variety of language to convey the observations and understandings of the topic. <input type="checkbox"/>	Conveys facts and findings. <input type="checkbox"/>	Conveys facts and findings in an inconsistent manner. <input type="checkbox"/>