**Rubric # 4: Problem Solving**

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| **Level of Performance** | **4= Exemplary** | **3= Proficient** | **2= Developing** | **1= Beginning** |
| **Criteria** |
| **Identification & Analysis**  | Clearly identifies and analyzes a problem. | Clearly identifies and analyzes problem. | Identifies and analyzes a problem with teacher support.  | Cannot identify or analyze a problem even with teacher support. |
| **Applying Prior Knowledge** | Applies prior knowledge to determine what is known and what needs to be known. | Applies prior knowledge to determine what is known and what needs to be known. | Applies prior knowledge to determine what is known and what needs to be known with teacher support. | Does not apply prior knowledge to determine what is known and what needs to be known even with teacher support. |
| **Identify and Prioritize**  | Efficiently and clearly identifies and prioritizes multiple solutions. | Clearly Identifies a solution and prioritizes possible solutions. | Clearly Identifies possible solutions with teacher support. | Does not identify possible solutions even with teacher support.  |
| **Exploring Solutions** | Experiments with and explores solutions. | Experiments with and explores solutions. | Experiments with and explores solutions with teacher support. | Does not identify and prioritize possible solutions even with teacher support.  |
| **Organization** | Methodically organizes and categorizes relevant information and data. | Organizes and categorizes relevant information and data. | Organizes and categorizes relevant information and data with teacher support. | Rarely organizes and categorizes relevant information and data even with teacher support. |
| **Reasonableness**  | Thoroughly checks reasonableness of multiple solutions. | Thoroughly checks reasonableness of a solution. | Thoroughly checks reasonableness of a solution with teacher support. | Rarely checks reasonableness of solution even with teacher support. |
| **Articulation, justification and Conclusions** | Convincingly articulates and justifies multiple solutions/conclusions with relevant evidence. | Convincingly articulates and justifies a solution/conclusion with relevant evidence. | Articulates and justifies a solution/conclusion with relevant evidence with teacher support. | Rarely articulates a solution/conclusion with relevant evidence even with teacher support. |