Name: _____   Date: _____

Observation General Scoring Rubric

Criteria	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding				
Understand concepts **Perform algorithms**	• limited understanding • simple algorithms	• some understanding • inconsistent accuracy	• considerable understanding • consistent accuracy	• thorough understanding • chooses most efficient algorithm and performs it accurately
Thinking				
Apply the inquiry process **Create a model** **Select and use tools** **Make inferences**	• needs significant direction • relates to task in limited ways • major gaps and errors • very limited connections	• needs minor hints/directions • relates to task in some ways • minor gaps and errors • limited connections	• applies process(es) without direction • relates to task • appropriate, accurate choices • direct connections	• sees the process with a broad view and works independently • relates fully to task and is innovative • most appropriate choices • direct connections, well supported with evidence
Communication				
Communicate orally, in writing, and symbolically **Use mathematical language**	• limited clarity and partially understandable to others • infrequent correct usage	• some clarity and somewhat understandable to others • some correct usage	• considerable clarity and understandable to others • mostly correct usage	• high degree of clarity with very clear and detailed statements • correct and efficient usage
Application				
Apply concepts/ procedures in familiar and/or unfamiliar settings	• applies concepts/procedures to simple problems with substantial assistance	• applies concepts/procedures to simple problems with minimal or no assistance	• applies concepts/procedures to grade-level problems with no assistance	• applies concepts/procedures to complex problems with no assistance

Comments:

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