

Student Name

Subject/Teacher







Assignment

Date

MSMHS Problem Solving Rubric

Students can think critically to solve problems

10/2022 Edition

| Criteria | Exemplary | Approaching Exemplary | Proficient | Approaching Proficient | Beginning |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Describes the Problem and Asks Relevant Questions | <ul style="list-style-type: none"> Describes the problem to be solved accurately, completely, and with connections to prior knowledge Asks precise, relevant investigable questions that require sufficient and relevant evidence to answer Identifies multiple and varied viewpoints related to the problem, if appropriate |  | <ul style="list-style-type: none"> Describes the problem to be solved accurately and completely Asks relevant investigable questions that require evidence to answer Identifies additional viewpoints related to the problem if appropriate |  | <ul style="list-style-type: none"> Describes the problem inaccurately or incompletely Asks irrelevant questions or needs substantial assistance to ask questions Does not identify any additional viewpoints related to the problem |
| Gathers Information and Analyzes Data/Evidence | <ul style="list-style-type: none"> Gathers information from high quality, relevant, and credible resources Analyzes and contextualizes data/evidence to solve the problem |  | <ul style="list-style-type: none"> Gathers adequate information from relevant and credible resources Analyzes relevant data/evidence to solve the problem |  | <ul style="list-style-type: none"> Gathers limited or irrelevant information. Limited data/evidence analysis |
| Constructs Explanations and Designs Solutions | <ul style="list-style-type: none"> Synthesizes information and applies past and new knowledge to formulate sound conclusions Presents informed solutions and ideas coherently and precisely |  | <ul style="list-style-type: none"> Synthesizes information to formulate sound conclusions. Presents informed solutions and ideas. |  | <ul style="list-style-type: none"> Does not provide a sound conclusion Does not present solutions or ideas. |

Additional Comments: