

## **My Success Goals Practical Problem Solving Holistic Rubric Guidance from Dr. Knowitall**

**Student Name:** \_\_\_\_\_

**Practical Problem Solving is a process whereby I (a) consider the context of the problem and valued ends, (b) collect and use reliable information to inform us about the problem, (c) consider alternatives and consequences using moral/ethical questions, and (d) give sound reasons for the recommended solution.**

- 6-5
- a. I thoroughly described the problem, its context (obstacles and people) and valued-ends.
  - b. I thoroughly described the information I used to inform our problem solving. I noted the reliable resource criteria.
  - c. I proposed three or more alternatives and potential consequences to solve the problem and explained our thinking regarding the workable and moral/ethical questions/criteria.
  - d. I proposed a solution and provided a clear, complete explanation of the reasons (information, moral/ethical, valued ends) why I decided to solve the problem that way and why I didn't choose the other alternatives.

- 4-3
- a. I described the problem and some of its context and valued ends.
  - b. Limited number of resources, some reliable and some not.
  - c. I proposed three alternatives, consequences are unclear, and some consideration was given to moral/ethical and workable questions.
  - d. I provided a clear, complete explanation of the reasons why I decided to solve the problem that way.

- 2-1
- a. I described some aspects of the problem and its context and did not consider valued-ends.
  - b. I used one reliable source of information.
  - c. I proposed only two ways to solve the problem and did not show evidence of using the moral/ethical questions.
  - d. I wrote a brief answer about this but it is not very clear of complete.

- 0
- a. I did not figure out the core problem and its context.
  - b. We considered only opinion in thinking about the problem.
  - c. I proposed only one way to solve the problem and gave no evidence I considered the workable and moral/ethical questions.
  - d. I did not explain why I solved the problem the way I did.

Adapted from *Rubric for assessing the analytical thinking process of problem solving*. Irvine, CA: Rancho San Joaquin Middle School. Retrieved June 2, 2007, from <http://www.ranchoms.org/rsjdocs/analytic/psrubric.htm>